the hunter's counselor

Waffen-Frankonia
Export-Service

The great number of orders and letters we receive daily from all parts of the world are proof of the good reputation Waffen-Frankonia enjoys the world over. It is the objective of our **Export Department** to justify by giving careful advice and reliable execution of all orders, the confidence our foreign customers have in us. **Here some important points for our foreign customers:**

How to order:

Kindly **type or print as clearly as possible** and be sure always to include your complete name and address, as well as your account number with us, if known.
Special export **order blanks** (please write for them) are intended to make paperwork as easy as possible for you. When ordering do not forget to state: exact return addres,s account number (if any), exact delivery address, page of guide, item number, quantity, description, size, color, caliber, model and prices (please print). When ordering custom-made stocks, scope mounting or clothing, please fill in carefully **measurement tables** on back page of export order blank. When ordering hats measure around largest part of head with tape above brow ridges. When ordering shoes state your normal size and in addition send us the following drawing: put your foot on a blank sheet of paper and draw an exact outline of your foot with a pencil.

Prices:

The prices in this catalogue are based on the present rate of exchange, in which 1 US $ = 4.— DM
0.25 US $ = 1.— DM
Of course prices may change, and exchange rates may fluctuate, in which case the prices and the rate of exchange **will be those of the day of delivery.**

Time of Delivery:

Orders from overseas require a longer handling time (for export documents, etc.). We therefore ask you to have patience with us if sometimes you have to wait a little.
Delivery dates and delivery promises we make to you are binding on us only to the extent that our suppliers keep the promises they have given us. We, of course, will do our very best to avoid delays and price increases.
We do not hold ourselves responsible for factory-discontinued items or other circumstances beyond our control.

Export Discount:

The prices listed are export prices. We are able to give our customers **special export discounts on prismglasses, riflescopes, and weapons.** These discounts are based on the amounts of the individual orders and are set as follows:

Export Discount:	5%	10%
On orders for optical instruments totalling more than	$ 35.00	$ 75.00
On orders for firearms and air rifles totalling more than	75.00	150.00

We cannot give any discount on orders totalling less than the above figures, nor can we give reductions on repairs, mounting-costs, accessories, clothing, or on any other goods or equipment. These discounts ought to make it worth while going through the red tape of import regulations and formalities.
We also give in some cases an additional transit-discount of 10% on weapons ordered from factories located outside the Federal Republic.
Please note: Shipments **within Germany** are fully postpaid, but **no discounts** are available!
The total amount of any one order should not be less than $ 25.00. On orders for **less than $ 25.00** there is an additional service charge of $ **1.25.** It is therefore a good idea to get together with some friends and send in one order jointly, as shipping costs as well are quite high for smaller shipments.

Shipment:

Prices quoted are to be understood free German border, incl. packing. Extras for special shipment — standard is shipment by parcel post — also for special packing, insurance, etc. are charged at cost price. When ordering **always give exact shipping instructions** as otherwise we will choose the way of transport we consider best. All shipments are sent on the account and at the risk of buyer.

Customhouse Charges, Import Licenses:

Ask your local **Post office** or **Revenue Office** about tariffs, import regulations etc., valid in your country. It is also there that you must submit licenses and gun licenses, if any.

Gun License:

In case of shipments directly sent overseas our customers need not submit gun licenses, etc. to us. But if the shipment is to be dispatched to an address inside Germany, then for all handguns a valid **German** gun license or annual hunting license made out to the **name of the consignee** must be sent to us.

Payment:

It saves a lot of time in shipment of goods ordered if the total invoice amount can be collected **C.O.D**. At present this is possible with shipments to the following countries: Austria, Belgium, Denmark, France, Great Britain, Luxembourg, the Netherlands, Sweden, Switzerland. With orders from all other countries we ask that approximately half of the order value be paid when placing the order, and the balance plus costs for postage, insurance, etc. shortly prior to shipment of goods. Should you enclose full prepayment with small orders for accessory items etc., please **be sure to add sufficient amount for postage and insurance,** to avoid any possible delay.
Kindly remit by cheque with your bankers guarantee or by International Money order issued from any post office. Please be sure to inform us about remittances which are not included in your letter or order so that our booking department knows to whom these remittances do belong.

Consignments for Approval, Installment Plan:

Unfortunately, consignments for approval and deliveries on the installment plan are not possible for supplies outside Germany.

Ammunition, Choice of Caliber:

We recommend that our customers choose only a caliber for which they can buy cartridges without any difficulties in their countries. To many countries, particularly overseas countries, **shipment of ammunition by post is not permitted.** Shipment by sea or by air is expensive (minimum approx. $ 12.50 even for smallest quantities ordered). Half-loaded cartridges or component parts and loading devices are not yet available.

Secondhand Sales:

We do not export used articles because we want to save our customers possible disappointment.

Repair, Mounting, etc.

Before you send us a gun for repair, for scope mounting, or stockwork, etc. **please inquire first** whether the requested work can be carried out at all, and which problems arise because of the rather complicated customs clearance process. In these cases we must charge a **flat rate of $ 6.25** for import licenses, etc. Compliance with formalities and paperwork alone takes approx. 4 weeks before we can start work.

Waffen-Frankonia
Service d'exportation

De nombreuses commandes et lettres nous parviennent chaque jour du monde entier, témoignant de la renommée internationale dont jouit la maison Waffen-Frankonia. Le but de notre **département «Exportation»** est de justifier la confiance de nos clients à l'étranger par des conseils minutieux et par la réalisation consciencieuse de toutes les commandes. Nos clients de l'étranger voudront bien trouver **ici quelques points importants** pour la bonne marche du service:

Commande

Des **bons de commande pour l'étranger,** spéciaux à notre maison, (veuillez en réclamer s.v.p.) sont destinés à vous faciliter dans la mesure du possible le travail d'écriture. Nous vous prions de bien vouloir compléter ces bons aussi clairement que possible, soit avec une machine à écrire, soit en lettres d'imprimerie, et de ne pas oublier de joindre vos nom et adresse exacts, ainsi que le numéro de votre dossier dans notre maison (si vous le connaissez). Dans toutes vos commandes, n' omettez pas non plus de nous signaler l'adresse précise du destinataire, la page du catalogue, le numéro de l'article, sa désignation, la quantité désirée, les dimensions, la teinte, le calibre, le modèle et le prix.

Fiche de mesures

Que vous commandiez un fût à mesures, un montage de lunette pour carabine, ou bien une tenue de chasse, veuillez s.v.p. remplir très soigneusement les **tableaux de mesures** qui figurent au verso des bons de commande pour l'étranger. Pour les chapeaux, veuillez nous indiquer s.v.p. votre tour de tête, pour les chaussures, votre pointure (ou bien adressez nous un patron obtenu de la façon suivante: posez le pied (avec la chausette) sur une feuille de papier et avec un crayon tenu verticalement (dessinez-en le contour).

Prix

Les prix indiqués dans ce catalogue ont été calculés en Dollars U.S. d'après les prix de vente actuels à l'intérieur de l'Allemagne. Le cours du change étant actuellement le suivant:
4 DM = 1 US $
1 DM = 0,25 US $.
Vous comprendrez facilement que nous n'avons aucune influence sur d'éventuels changements dans les prix ou bien sur les variations des cours bancaires. C'est pourquoi les commandes et nos offres ne prennent effet qu'à la condition expresse que les prix valables en Allemagne **au jour de la livraison** soient d'abord pris en DM, puis, en conséquence, convertis en autres valeurs selon le cours du jour.

Délai de livraison

Les commandes pour l'étranger demandent un temps d'élaboration assez long (à cause des formalités de sortie etc..). De même, les lettres restent souvent assez longtemps en route. Aussi vous prions nous d'avoir quelque patience, s'il faut parfois que vous attendiez un peu. Notre accord pour la livraison et le délai que nous vous donnons ne nous engagent que dans la mesure où nos fournisseurs tiennent les promesses qu'ils nous ont faites. Il va de soi que tous nos efforts tendent à éviter les retards et les augmentations de prix.

Rabais d'exportation

En principe, les prix pratiqués ici valent aussi comme prix d'exportation. Par faveur spéciale pour nos clients, nous offrons à l'achat de jumelles et de lunettes pour carabines et d'armes, à la condition que l'envoi puisse être acheminé DIRECTEMENT vers l'étranger, un rabais d'exportation dont le montant varie selon la valeur de chaque commande:

Rabais d'exportation: 5% et 10%

Ces deux pourcentages respectivement pour une valeur minimum d'achat de:

35 US $ **75 US $**	en ce qui concerne les **jumelles et lunettes** pour carabines	Rabais 5%
75 US $ **150 US $**	en ce qui concerne les **fusils et carabines**	Rabais 10%

En principe, aucun rabais ne pourra être accordé pour des commandes de valeur inférieure à celle ci-dessus indiquée, ni pour les accessoires, pour les frais de réparation ou de montage, pour l'habillement et pour tout autre article d'équipement. Pour des achats importants, ce rabais doit vous permettre de compenser les difficultés d'importation, au cas où il en existerait de telles dans votre pays. Sur les carabines, que nous pouvons livrer en transit directement depuis une usine située hors d'Allemagne, nous pouvons consentir dans la plupart des cas un rabais supplémentaire de transit pouvant atteindre 10%.
Le **montant minimum** de l'achat ne devrait pas être inférieur à **25 US $ par commande.** Dans les cas exceptionnels où ceci ne serait pas possible, nous vous prions de bien vouloir consentir à ce qu'une taxe de **1.25 US $** soit comptée en supplément pour les faux-frais (papiers pour la sortie du territoire...). C'est pourquoi il serait rentable que vous vous entendiez avec vos amis pour faire une commande générale groupant les commandes particulières. Car les frais d'envoi pour les petits colis sont relativement très élevés.

Envoi

Nos prix sont valables franco frontière allemande, sans emballage spécial pour le transport maritime. Les frais entraînés par un mode spécial d'expédition (les envois se faisant habituellement par colis postaux) ainsi que par un emballage spécial, par l'assurance etc... seront entièrement à votre charge. Nous vous prions de nous donner dans chaque commande des **directives précises** en ce qui concerne l'envoi, sans quoi nous choisirions la méthode qui nous paraîtrait la meilleure. Toute marchandise voyage aux risque et péril de celui qui a passé la commande.

Droits de douane, licences d'importation:

Veuillez vous informer des tarifs douaniers, et des conditions d'importation en vigueur dans votre pays auprès du **bureau de poste** ou du **bureau de douane** compétents. Selon le cas, il vous y faudra présenter aussi les licences et les permis de port d'arme.

Permis de port d'arme

Pour les envois qui sont effectués **directement** vers l'étranger, il n'est pas nécessaire que nos clients nous fournissent un quelconque permis de port d'arme. Toutefois, si la livraison devait être faite à une adresse en Allemagne, il faudrait nous faire parvenir, pour tous pistolets ou revolvers, un permis de port d'arme valable ou bien un permis de chasse de l'année en cours, **établi en Allemagne au nom du destinataire.**

Paiement

L'envoi pourra être effectué **dans les plus brefs délais,** pourvu que le montant de la facture soit réglé **par remboursement.** Ceci est actuellement possible pour les expéditions en direction de la Belgique, du Danemark, de la France, de la Grande-Bretagne, du Luxembourg, des Pays-Bas, de l'Autriche, de la Suède et de la Suisse. Pour les commandes qui nous parviendraient de tous les autres pays nous vous serions obligés de bien vouloir nous régler lors de la commande, environ la moitié de sa valeur, puis, peu de temps avant l'expédition, le reste de la somme due, augmentée des faux-frais (port, assurance etc...).
Si vous devez, dans le cas de petites commandes qui auraient à être exécutées rapidement, payer d'avance la totalité de la somme due, veuillez alors ne pas oublier d'y ajouter le montant du port et de l'assurance, afin que ne s'ensuive aucun retard, causé par une réclamation. Il va de soi qu'au cas où vous auriez payé plus qu'il n'était justifié, nous vous rembourserions ce surplus, soit, selon que vous le désirez, en l'inscrivant au bénéfice de votre compte, soit par envoi personnel. Pour vos paiements, nous vous prions d'utiliser des chèques bancaires ou bien des mandats internationaux, délivrés par les bureaux de poste. De plus, avec chaque paiement qui ne serait pas joint à votre lettre de commande, veuillez être assez aimable pour nous faire parvenir une courte note explicative, ceci pour faciliter la tenue de nos dossiers.

Envois à choix et paiements par accomptes

Les envois à choix et les livraisons payables par accomptes ne sont malheureusement pas possibles à l'étranger.

Munitions, choix du calibre

Nous conseillons à nos clients de l'étranger de ne choisir que le calibre leur permettant d'obtenir sans difficultés des cartouches dans leur propre pays. Actuellement, la Suisse ne permet en principe aucune importation privée de cartouches. D'autre part, pour beaucoup d'autres pays, avant tout pour les pays d'outremer, **l'envoi de munitions par la poste n'est pas autorisé.** L'expédition en fret maritime ou aérien est onéreuse (il faut compter approximativement un minimum de 50.00 DM pour la moindre quantité commandée). Présentement, les cartouches demi-chargées, ou les éléments, ainsi que les appareils à charger, ne sont malheureusement pas encore livrables.

Achats d'occasion

Nous n'exportons pas d'articles de seconde main afin d'éviter toute déception à nos clients.

Réparations, montages

Avant de nous envoyer de l'étranger une arme à réparer, à équiper d'un montage-lunette, à pourvoir d'une crosse etc..., **veuillez tout d'abord vous renseigner** auprès de nous afin de savoir si les travaux désirés peuvent être exécutés, et quelles sont les difficultés soulevées par le réglement des douanes, qui dans ces cas là est très compliqué. Il nous faut alors malheureusement compter une somme totale de **6.25 US $** pour les frais de licences de ré-importation et de ré-exportation qui sont en ce cas obligatoires. Formalités et papiers demandent à eux seuls quatre semaines environ, et ce n'est qu'à la suite de ce délai que nous pouvons entreprendre les travaux.

1907 For More Than 50 Years

1964 Waffen-Frankonia

Efficiency results in success — out of this conviction the 27-year-old Businessman Nikolaus Hofmann, founded Waffen-Frankonia in 1907. His industry, his skill and patience enabled the enterprise to turn the one-man establishment into today's large-scale hunting sports equipment outfitter. For decades Waffen-Frankonia has enjoyed a good reputation with hunters not only in Germany but the world over.

From 1907 to 1964 Waffen-Frankonia has given 57 years of service to the hunter, a period of time shaken by wars, economic crises, success, total destruction and final reconstruction.

In 1939 Alfred Hofmann, the founder's son, became a partner in this company. Then came World War II and with it the bombing of Wuerzburg. Waffen-Frankonia, too, fell prey the flames. In the years after the war, when German hunting was at its lowest, Alfred Hofmann and his father started reconstruction, firmly convinced that one day all the many content customers would come back to their old hunting supplier. The Hofmanns were right. When German hunters were again allowed to have weapons, old customers and shooters from all parts of Germany contacted us again. Waffen-Frankonia's most precious credit, the confidence of its customers, could not be damaged by the disaster of 1945.

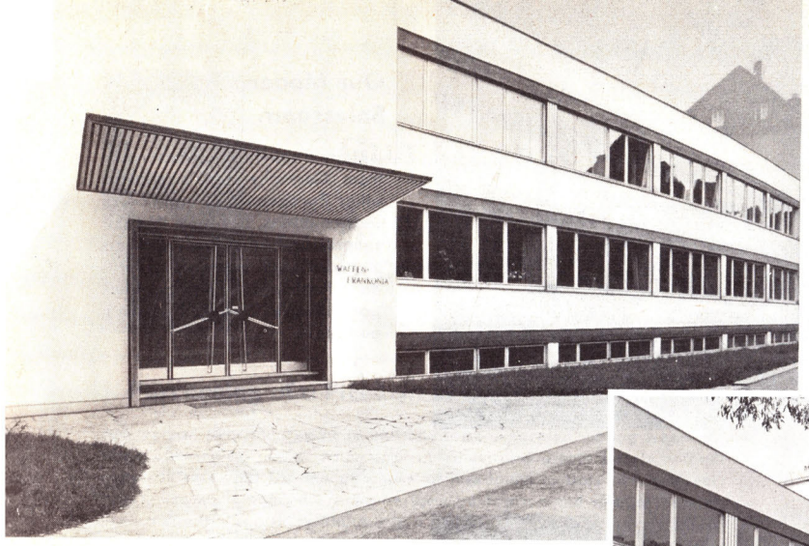
In 1956 the new modern business building was completed. As many as 2000 hunting and sporting weapons are offered in its bright and large salesroom. Experienced experts, being enthusiastic hunters themselves, advise our clients. The gunsmiths workshop has been steadily enlarged, modern machinery and experienced gunsmiths have made subdivisions according to special jobs possible. Our test-shooter who tests guns every day, — our rifle scope engineer who fits rifle scopes year in, year out, — a stock-maker who works exclusively on gun stocks — each of them will do a better job in his special field than one engineer who carries out all these jobs in one operation. Waffen-Frankonia may doubtlessly maintain that its specialists have acquired a high level of first-class skill.

Waffen-Frankonia has existed for back more than 57 years! The Hofmann family and all the staff-members look with pride and gratitude upon this successful achievement.

Their efficiency and their customers' confidence during all those years were the factors helping them to turn the small local enterprise into a significant hunting-equipment business known not only in Germany but the world over. Waffen-Frankonia is herewith saying a hearty THANK YOU to all its customers for their confidence. This will give new incentive to the staff to achieve even greater things in service to Hunting.

"Only efficiency will create confidence", this principle of the late senior-manager Nikolaus Hofmann states the duty of all staffmembers.

Alfred Hofmann has made it his special task to study carefully foreign weapons and ammunition products. Offers and samples from the U.S., Sweden, Denmark, Italy, Finland, Spain and Czechoslowakia are thoroughly tested and compared. This enables Waffen-Frankonia to import foreign products offering the shooter considerable advantages.



Present and past meet in unique harmony in the garden of WAFFEN-FRANKONIA: The modern business building and the baroque staircase belonging to a town house built by Balthasar Neumann and destroyed in 1945.

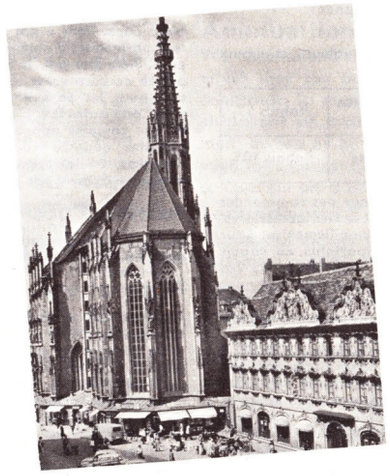
On the southern outskirts of Wuerzburg, on the Bundesstrasse Ansbach-Munich, the passerby is greeted by a modern business building: the business premises of Waffen-Frankonia erected in 1956. Through the large window-front one can see the long and neatly arranged lines of weapons with hundreds of hunting and sporting rifles. The large, bright salesroom extends all along the front. Every day hunters and shooters from all over Germany and even from other European and overseas countries arrive here. At WAFFEN-FRANKONIA the customers are attended by experts who are hunters themselves of thorough knowledge and vast experience. Their principle is never to persuade the customer to buy something but to advise him in the most sincere way. The purchase of a weapon is a matter of confidence. Success and pleasure in hunting depend to a great extent on the equipment — the well-fitting weapon and proper binoculars, the suitable clothing and comfortable hunting boots. 3 masters and 20 gunsmiths and specialists see to it that each hunting glass and rifle scope is subjected to inspection which guarantees reliability when going hunting.

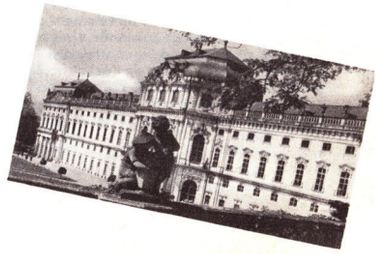
Also the other pieces of equipment are inspected for quality and suitability with the same thoroughness. Your visit will be a pleasure for you and us.

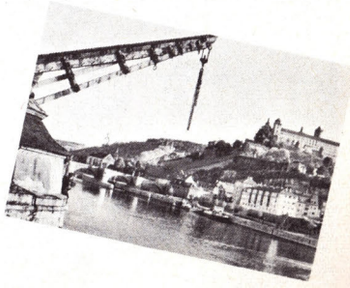
Wuerzburg is a city of tradition whose history extends back over 1200 years. The old Fortress Marienburg, towering above the city, houses in its halls, passages and rooms, the Mainfränkische Museum: presenting the attentive visitor with a unique experience. Our clients will be particularly interested in the collection of valuable, old hunting weapons of the former Prince-Bishops.

Würzburg

— a friendly city full of romance and charm. Many old edifices give evidence of its glorious past. The fertile vineyards about Wuerzburg yield the delicious "Frankenwein". In June music enthusiasts from all over the world come to Wuerzburg to listen to Mozart's immortal music in the Emperor's Hall of the Wuerzburg Residence, the Baroque masterspiece of Balthasar Neumann.







A Foreword to the German Edition of
"The Hunter's Counselor"

Dear Shooter,

Here now is the new edition of the "Ratgeber für den Jäger", even more instructive and informative than the previous editions. In it you will find not only the carefully selected offers you know so well from other editions — but also interesting new offers in all fields of hunting equipment. All articles on various subjects are revised and supplemented serving many old and young hunters as a gold-mine of information on hunting weapons and ammunition.

The great variety of articles offered by Waffen-Frankonia is governed by the

7 Golden Rules For My Staff

1. Try to make every interested person a regular customer. See that our firm's good reputation for quality, reliability, and service to the customer is further strengthened.

2. Never persuade a person to buy. When giving advice always bear in mind you might be customer yourself. Give the customer information on the pros and cons of the goods.

3. Never force your opinion on to the customer, try to understand his point of view. Giving service does not mean giving lessons, it means giving advice.

4. Correct answers to the customer's questions will be your best sales promotion, therefore, it is necessary to know the article you are selling. You have the occasion to test any article yourself.

5. Never do just what you have to, but rather think what else can be done to meet all of the customer's requests.

6. See to it that orders are filled the same day, as far as the goods are in stock. Otherwise the customer is to be informed of the date of delivery without delay.

7. Tackle a customer's complaint conscientiously. Settle any dispute with understanding. Satisfied regular customers represent the capital of our company and secure your position.

And here is a sincere request to my customers: Please write to me personally, if you have complaints. An outspoken word is better than undigested trouble. I shall personally see to it that all complaints are attended to. Best regards

Alfred Hofmann

Our Guarantee – Your Security

Confidence
is the basis of co-operation. Placing an order with us shows your confidence in our firm. We shall do everything to give you proper service and to meet all your requests.

Your Security
The goods supplied correspond to our offers. Technical alterations and minor deviations from illustrations may accur.

Advice from Experienced Spezialists
Our specialists being experienced hunters themselves and dealing with questions concerning the hunter year in, year out will be only too glad to help you with your own special gun problems. Please write us when such an occasion arises.

Our Guarantee
You will be pleased with your equipment and have the feeling that you can rely on it. The good reputation we have learned with hunters the world over is your best guarantee. This reputation, however, demands that we do everything to justify the confidence you place in us. By means of an article-testing-system every article in our sales program is thoroughly inspected.

Prices, Delivery:
The prices and rates of exchange are subject to change without notice. We reserve the right to deliver and do not hold ourselves responsible for factory-discontinued items or other circumstances beyond our control.

Instructions on HOW TO ORDER are given on pages 2,3 in English, French and 11 in Spanish!

Cover shows an outstanding example of the art and skill of fine gunmaking: a Merkel Bros. Over/Under double barrel Shotgun 20 ga., Model 303 E Deluxe. The gun retails at approx. US $ 2,200.00.

The famous Merkel Bros. line is described on pages 60/61, 70/71, 86/87.

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Printed in Western Germany

Waffen-Frankonia

Hofmann & CO.

THE GREAT HUNTING EQUIPMENT STORE
EXPORT DEPARTMENT

WUERZBURG WESTERN-GERMANY

Dear Reader,

We are happy to present you with the English translation of our general catalogue

"Der Ratgeber fuer den Jaeger"
(THE HUNTER'S COUNSELOR)

which is currently in its thirteenth German edition.
In recent years we have had so many letters and inquiries requesting an English edition, that we feel we are doing our many customers and friends a real service by offering it.

We have not changed the content of our catalogue on purpose, for we believe our readers will be especially interested in reading about some of the peculiarities of hunting in Germany and Europe. Don't be surprised, therefore, to run across some things in the various articles which may seem unusual to you. It is just these things which will make our catalogue profitable reading, and perhaps give you some ideas; in which case we would be more than happy to help you.

On pages 2, 3 and 11 you will find our conditions of sale in English, French and Spanish. We should like to call your attention especially to the export discounts which we give on field-glasses, rifle scopes, rifles and shotguns. These discounts plus our generally lower prices should make our catalogue particularly interesting and attractive.

We sincerely hope you will enjoy reading our "HUNTER'S COUNSELOR", and invite your comments and questions.

We would also be very greatful for your calling our catalogue to the attention of your friends and acquaintances.

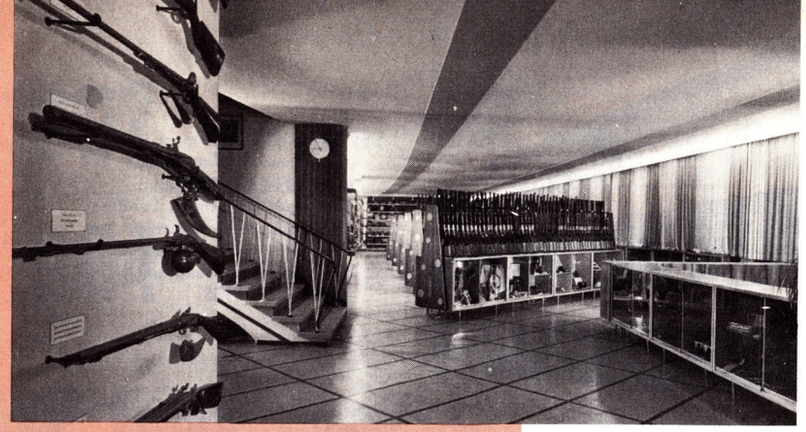
Sincerely yours,

WAFFEN-FRANKONIA
Hofmann & Co.

Hofmann

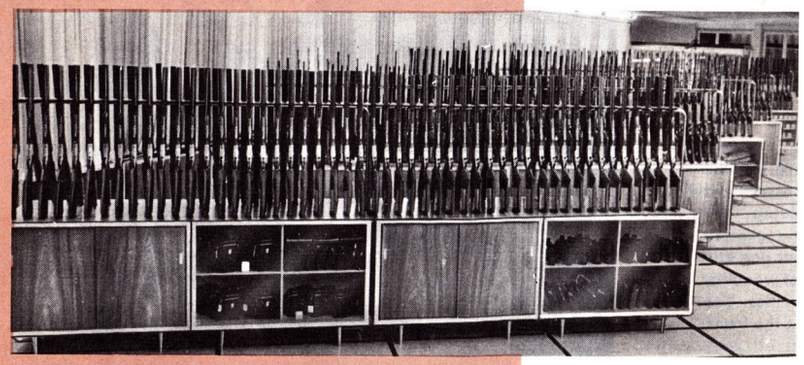
Export Department

Address: 87 Wuerzburg/Western-Germany
Randersackerer Str. 3-5
Cables: Waffenfrankonia Wuerzburg
Teletyper: 06/8747 Phone: 73001
Bankaccount: Deutsche Bank A.G. Wuerzburg



Our Modern Salesroom

is daily frequented by customers from Germany and also from other European and even overseas countries. It is here that the shooter and hunter will find an extraordinary selection of modern hunting and sporting weapons clearly arranged in long gun racks.



Nearly 2000 Hunting Weapons

await their purchasers at Waffen-Frankonia — a number unique in Europe. We also have an extremely large stock of ammunition, pistols, rifle scopes, binoculars, hunting clothing and all other articles of hunting equipment.

Experienced Experts

will answer (conscientiously and properly) your questions concerning the most suitable equipment. Our weapon experts are experienced hunters themselves who critically and thoroughly inspect every article you will find in this Guide.

The Clothing Department

shows a wide range of suitable and becoming hunting clothing. Clothing and shoes will be exposed to considerable stress when hunting, on the other hand hunting clothing need not look to plain and unstylish. The most popular models are illustrated on pages 135 to 159. Please avail yourself of our experience in questions concerning clothing — we shall be only too glad to advise you at any time.

Gun License?

Annual Hunting License?

The Firearms Law of 1938 is valid in the Federal Republic of Germany. Pursuant to this law, firearms and ammunition may be delivered only to persons who have completed their 18th year.
Therefore, when ordering firearms and ammunition please state your date of birth. It saves you inquiries and delays in delivery. When ordering handguns, and be it only for inspection, we need your valid gun or annual hunting license. (In case you intend to send us your annual hunting license also a legalizend photostat will also do.)
Your annual hunting license will be sent back to you the same day we receive it. Don't forget that your hunting license always expires on March 31. So if you send us your license on March 30, ordering a handgun it often occurs that we cannot supply you with the requested article, as the license is invalid as of April 1. Decisive is the date of delivery. In such a case we must first send (the license) back to you so that you can renew it. Therefore, send us your annual hunting license early enough.

1. Purchasing of a Firearm

Any person over the age of 18 can buy long firearms (hunting weapons, small bore rifles, parlor rifles and air rifles) and alarm pistols without a gun license. But for the purchase of handguns (pistols or revolvers) a gun license is needed. Those persons having a valid annual hunting license can buy a pistol without a gun license.

2. Carrying of a Weapon

By "carrying" the law understands the carrying of a weapon on a person with the intention to make use of it, if necessary. A loaded weapon is always considered a weapon carried on a person. The possession of an unloaded weapon may also be considered carrying of a weapon on a person, if this weapon is used to threaten other persons, or if it is intended for such a use. According to section 14 of the Firearms Law every person must have with him a gun license if he carries a gun outside his home, business premises or his fenced property. The owner of a hunting license is also entitled to carry hunting weapons and handguns.
Transport of weapons to and from a rifle-range is not considered as carrying of a weapon.

3. Possession of a Weapon

The Firearms Law does not restrict possession of a weapon. Persons having at home a handgun, i.e. within their fenced property, need not have a gun license or hunting license.

The following provisions apply to the various types of arms:

Type of Weapon	Purchasing	Carrying
Pistols, all calibers	Gun lic., hunting lic. necessary	Subject to gun or hunting lic.
Hunting weapons	Free for sale to persons over 18	Subject to gun or hunting lic.
Small bore rifles	Free for sale to persons over 18	Subject to gun or hunting lic.
Parlor rifles, 6 and 9 mm, smooth	Free for sale to persons over 18	Subject to gun or hunting lic. in Bavaria
Parlor rifles	Free for sale to persons over 18	Subject to gun or hunting lic. in Bavaria
Air rifles up to 7 mm	Free for sale to persons over 18	Subject to gun or hunting lic in Bavaria
Gas and alarm pistols	Free for sale to persons over 18	Subject to gun or hunting lic. in Bavaria
Ammunition, all types	Free for sale to persons over 18	Subject to gun or hunting lic. in Bavaria

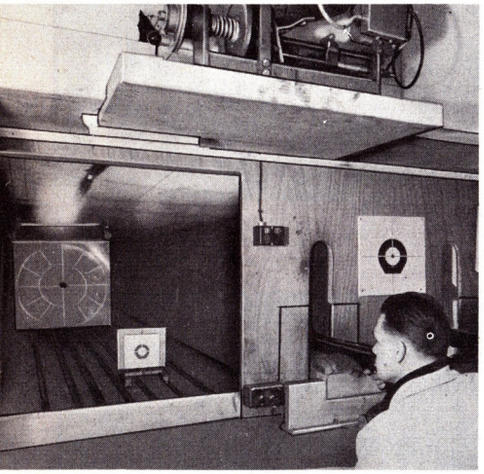
All data given subject to change particularly with regard to possible additional regulations issued by the individual Federal "Laender".

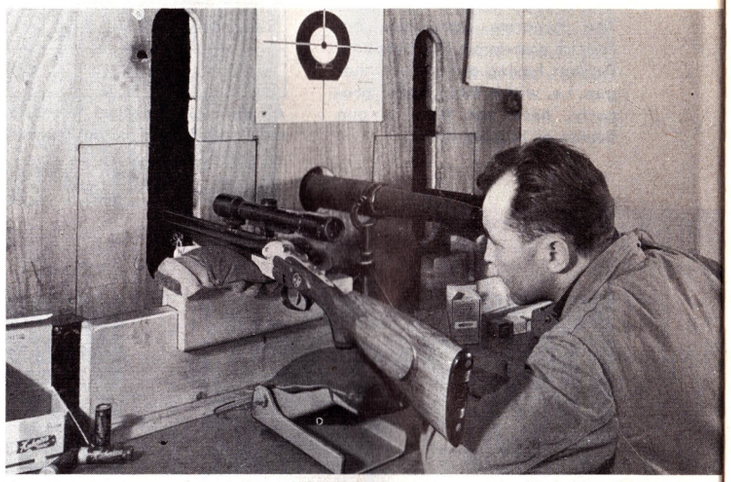
Price Reductions And Discounts — Or True Sales Advantages?

Again and again our customers ask us what discount or price reduction we are prepared to grant on this weapon? May we take this occasion to explain why it is impossible to give a discount or make a price reduction on the fairtrade price of a weapon or equipment piece, quite apart from the fact that the German discount law prohibits such. A company likely to grant a discount to persuade the client more easily, instead of testing a weapon thoroughly as to function, safety, and shooting performance does not know very much about service to the customer. Painstaking inspection of the weapon is necessary, each single part must fit properly or else the strangest things may happen, from fatal accident to mangled game. WAFFEN-FRANKONIA does not simply unpack and resell each weapon as it is received. Every year we spend considerable amounts on the inspection of our hunting weapons. However, the testing costs will pay in the long run. The shooter will have confidence in his supplier if he knows he can rely on him. A trifle may very easily cause disaster. Selling thousands of weapons, repairing and testing guns by target shooting and fitting over 1000 rifle scopes a year in one's own workshop, as in our case, means the possession of a high level of experience. We know about the tricky parts of a weapon and what is necessary to supply first class quality goods. Another example: We only sell rifle scopes well known for their high quality. Nevertheless each piece is tested for shooting-steadiness of the scope by means of the Hensoldt-Kollimator. The mounted scope often is exposed to strong vibrations because of heavy recoil: the result might be a change in the position of reticules which in turn causes a bad shot. Our inspection really gives you the assurance that the optical system of the rifle scope, indeed, is shotproof.

The weapon business must not act after the saying "by guess and by God", and no firm can afford to grant discount at the expense of service to the customer. It is our duty to act responsibly towards our customers, the game and the objectives of hunting, and we are sure to render a more valuable service to our customers by this than by granting discounts unhesitatingly. Our motto is to win clients by quality and confidence.

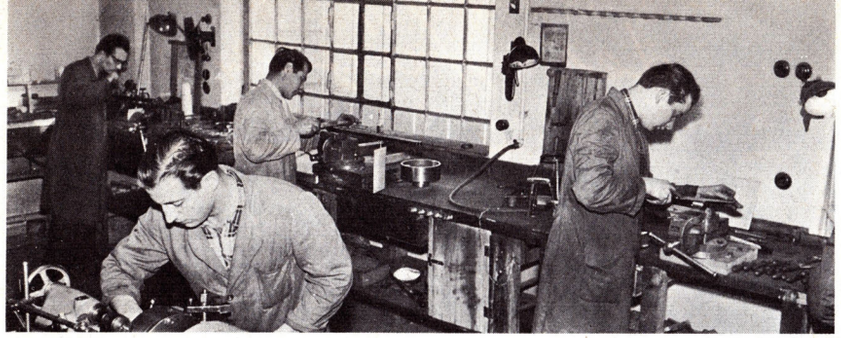
Every telescopic sight is inspected with the Hensoldt kollimator, as illustrated.





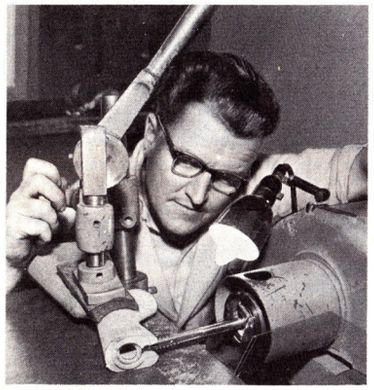
The Underground Shooting-Range

You can test-shoot your weapon on our underground shooting-range. Rifle barrels are targeted at 86 m. (100 m). For longer distances we make use of the shooting-range at the Wuerzburg Shooter's Range. For comparison's sake we tested a number of weapons both on the firm's shooting-range and at the Shooter's Yard — and no difference in shooting precision was noted. Shot barrels are tested at 35 m, small bore rifles at 50 m, caliber .22 Hornet and .22 Winchester-Magnum at 86 m. (Workshops and shooting-range are closed on Saturdays.)



In Our Workshops

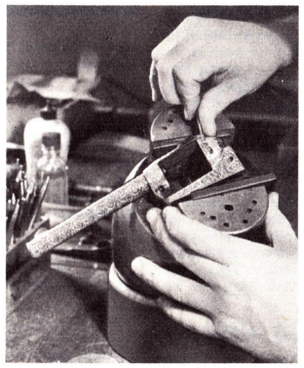
Experienced specialists perform the most careful precision work. Modern machinery saves time and labor.



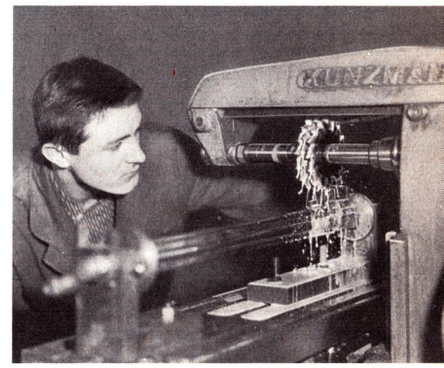
The stock of a Franchi Rifle is being worked on the milling machine.

Not only skill and love of the work but also considerable experience is necessary to do a good repair job or produce a new article. Reliable functioning and the hunter's success obviously depend on the precise and faultless work of the gunsmith.

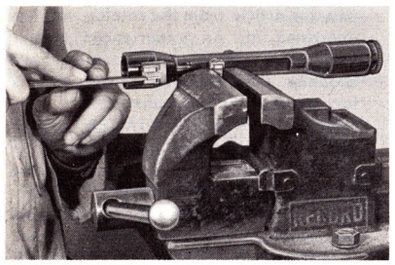
Our stock-makers have outstanding experience in working custom-made stocks, such as this shell stock.



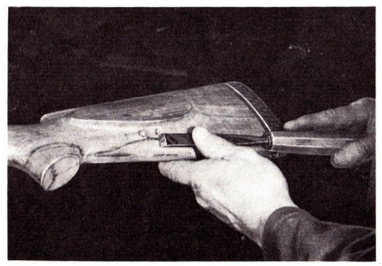
Precision-engraving requires skill, know-how and artistic finesse. A beautiful engraving increases the pleasure in the weapon.



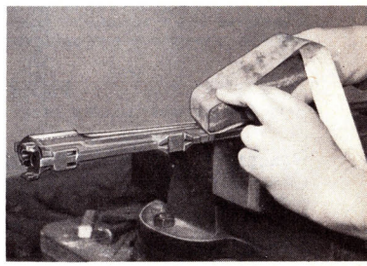
On the "Kunzmann" milling machine are milled the underlocking lugs of a FRANKONIA single lock Over & Under Rifle and Shotgun Combination with automatic safety device. (New design, s. p. 68 and 76.)



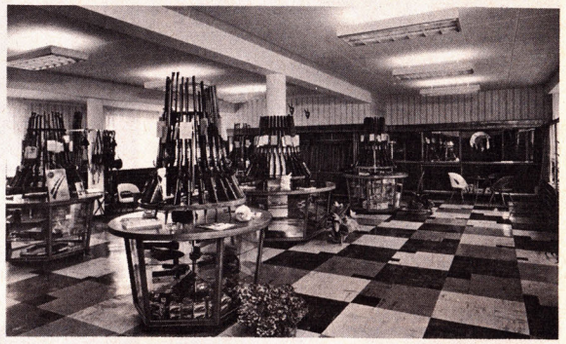
The front rails of a rifle scope mounting must fit closely but without any tension.

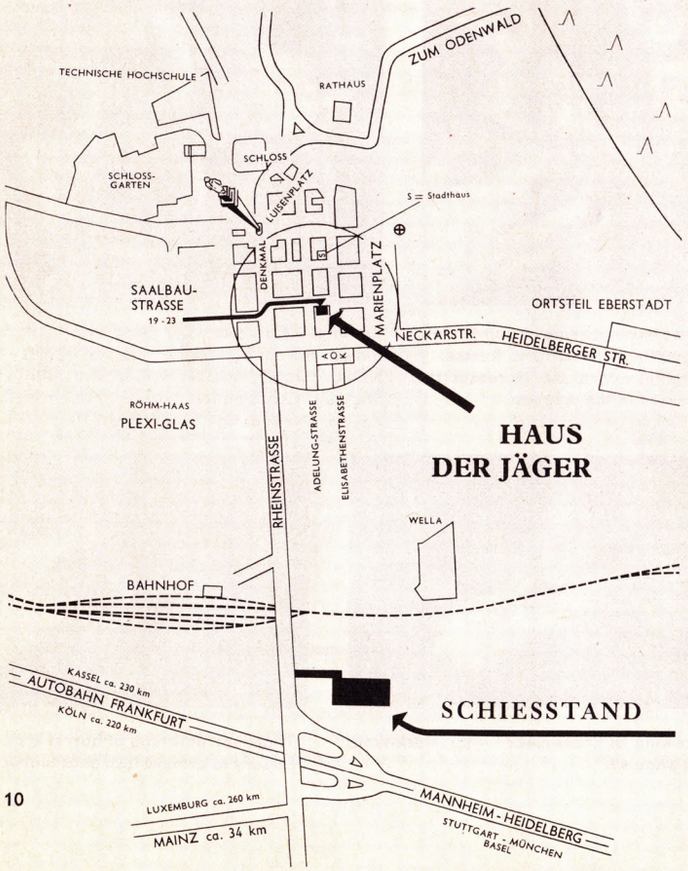


Working of cheekpiece — for stock-types see page 49.



Thorough polishing of barrel is necessary to achieve lustruous bluing.





In Darmstadt we are represented by:

HAUS DER JÄGER

GmbH.

61 DARMSTADT

Saalbaustrasse 19-23 - Phone: 70632

Only 5 minutes from the Autobahn

Don't forget to visit HAUS DER JÄGER if you are in or near Darmstadt. HAUS DER JÄGER is only 5 minutes from the autobahn and easy to find. Experienced weapon specialists will be happy to show you any article from the catalog you are interested in. An experienced master gunsmith is at your disposal for test shooting. The shooting range, too, is located near the autobahn.
The firm HAUS DER JÄGER, Darmstadt, is under the management of Alfred Hofmann, the proprietor of the firm WAFFEN-FRANKONIA, Wuerzburg. For **mail orders** for articles from the catalog, we ask you to send to the firm **WAFFEN-FRANKONIA,** Wuerzburg, **c/o Export Department.**

Waffen-Frankonia

Al Servicio del Cazador en el Extranjero

export

Los muchos pedidos y cartas que nos llegan diariamente de todas partes del mundo demuestran la buena reputación internacional de la casa Waffen-Frankonia. La meta de nuestro **Departamento de Exportación** es la de justificar la confianza puesta en él por parte de nuestra clientela en el extranjero; objeto que está realizándose mediante un servicio consultivo adecuado y ejecución esmerada de todos los pedidos recibidos.
He aqui algunos puntos de importancia para nuestros clientes extranjeros:

PEDIDO

Sirvanse de escribir a máquina o con letra de imprenta lo más claramente posible, y no olviden indicar sus señas completas asi como su número de registración con nosotros siempre que lo conozcan.
Usando formularios que les serán enviados a petición, les queda un minimo de trabajo para pasarnos su pedido. Siempre que nos pasen un pedido, **no se les olvide de hacer las siguientes indicaciones:** Señas completas, número de registración (siempre que lo conozcan), página del "Ratgeber" a que se refieren, número del artículo, cantidad, denominación, tamaño/dimensiones, color, calibre, modelo y precios. Sirvanse de rellenar estos datos con letra de imprenta.

FORMULARIOS DE PEDIDO

Cuando nos pasen un pedido sobre una culata a la medida, un montaje de mira telescópica o ropa, hagan el favor de rellenar cuidadosamente **la tabla al dorso** del formulario de pedido. En caso de pedir Vds. sombreros, sirvanse especificar la circunferencia de cabeza. Si piden zapatos, no dejen de indicar el número que gasten y de enviarnos también el siguiente croquis: Pongan Vds. el pie (con los calcetines puestos) sobre una hoja de papel y dibuje los contornos con un lápiz sujetado verticalmente.

PLAZO DE ENTREGA

El envio de pedidos procedentes del extranjero requiere más tiempo (documentos de exportación, etc.) y frecuentemente la correspondencia tarda más en el llegar. Por lo tanto, les rogamos tengan paciencia, si de vez en cuanto han de esperar un poco.
Los plazos de entrega y las promesas de suministración dados por nosotros sólo valen en cuanto que nuestros proveedores cumplan con los compromisos hechos. Naturalmente nosotros haremos todo en nuestro poder a fin de evitar demoras y aumentos de precio.

PRECIOS:

Los precios citados en el presente catálogo han sido calculados por conversión de los actuales precios de venta vigentes en el mercado nacional en dólares estadounidenses.
El cambio actual es el siguiente: DM 4 = US $ 1
DM 1 = US $ 0.25.
Es natural que nosotros no podemos influir sobre posibles cambios en los precios y fluctuaciónes en los cambios. Confirmaciónes de Pedido y ofertas, por consiguiente, sólo se pueden someter bajo la reserva de que se siempre se cargarán los precios en DM del mercado nacional **vigentes el dia en que se efectua el despacho** y que la conversión siempre se hará a base de los cambios en vigor en las correspondientes fechas.

REBAJA DE EXPORTACIÓN

En principio, los precios citados también se consideran como precios de exportación.
Como favor especial a nuestros clientes concedemos las siguientes rebajas de exportación sobre compras de prismáticos, anteojos de punteria y armas según el valor de mercancia, suponiendo que el envio no se efectue a una dirección en Alemania, sino directamente al extranjero.

Rebaja de Exportación

5%	10%
a partir de 35	a partir de 75 / US $ / valor de pedido para prismáticos y anteojos de punteria
a partir de 75	a partir de 150 / US $ / valor de pedido para arms de caza (rifles o escopetas)

En principio, no podrá concederse ninguna rebaja sobre un valor de pedido inferior al de arriba citado, ni tampoco sobre accesorios, gastos de montaje y reparación, confección y todos los demás articulos y mercancias.
Concediéndoles dichas rebajas quisiéramos darles un aliciente en compras mayores para superar las dificultades de importación — en caso de que las haya en su pais. En la mayoria de los casos nos será posible concederles una rebaja adicional de hasta un 10% sobre fusiles que podemos suministrar en tránsito directamente desde una fábrica fuera de Alemania.
El valor minimo por pedido no deberia ser inferior a los **US $ 25.** Donde, en casos excepcionales no será posible atenerse a este limite, contamos con su conformidad con que nosotros les cargamos adicionalmente **un importe de US $ 1.25** en concepto gastos incurridos por nosotros en la obtención de la necesaria documentación de exportación, etc. Por lo tanto, valdrá, la pena pasarnos un pedido colectivo junto con sus amigos, ya que también los gastos de despacho resultan relativamente muy caros en el caso de envios pequeños.

ENVIO

Los precios se entienden para entrega franco frontera alemana, excluido el embalaje maritimo. En concepto de gastos adicionales que se presenten debido a un modo de envio especial — normalmente en paquete postal — o para un embalaje especial, seguros, etc. sólo les cargaremos el precio de coste. Sirvanse darnos en cada pedido **sus instrucciones exactas** relativas al modo de envio deseado; de lo contrario elegiremos la manera que nos parezca más indicada. Todos los envios se efectuarán por cuenta y riesgo del comprador.

IMPUESTOS ADUANEROS, LICENCIAS DE IMPORTACTIÓN

Sobre los impuestos de aduana, reglamentos de importación, etc. vigentes en su pais pueden informarse en las autoridades de **Correos y Aduana** competentes. Es alli donde tendrán que presentar — si es necesario — las licencias de importación y de armas respectivamente.

LICENCIA DE ARMAS

En el caso de suministros a efectuarse **directamente** al extranjero, no necesitaremos ninguna clase de licencias de armas. Sin embargo, en el caso de suministros de toda clase de armas de fuego, a efectuarse a una dirección dentro territorio alemán, será preciso enviarnos una licencia de armas **alemana** o una licencia de caza válida, **al nombre del destinatario** del envio en cuestión.

MODO DE PAGO

El modo de pago más rápido es él de envio contra reembolso del precio de factura total. Actualmente, este modo de pagar se puede realizar con envios a los siguientes paises: Bélgica, Dinamarca, Francia, Gran Bretaña, Luxemburgo, Los Paises bajos, Austria, Suecia y Suiza. En el caso de envios a otros paises rogamos manden la mitad del importe del pedido al pasarnos dicho pedido y el resto más los gastos para porte, seguro, etc. poco antes del despacho de la mercancia.
Si, en el caso de pedidos pequeños, quisieran pagar el importe total por adelantado, les rogamos no se les olvide incluir un importe adicional suficiente para cubrir los gastos de porte y seguros, a fin de evitar posibles demoras. Naturalmente, en el caso de que procediendo de esta forma, manden dinero de más, éste les será devuelto o inscrito a su nombre según deseen. Sirvanse emplear en el pago **cheques con garantia bancaria o libramientos internacionales** redactados por la Oficina de Correos y comuniquennos cada pago que no vaya incluido en su carta, mediante un aviso para nuestro departamento de contabilidad.

ENVIOS DE MUESTRA, PAGO A PLAZOS

Desgraciadamante no serán posibles envios de muestra, al extranjero ni pago a plazos.

MUNICIÓN, SELECCIÓN DEL CALIBRE

Aconsejamos a nuestros clientes en el extranjero seleccionen un calibre para el cual les sea posible adquirir cartuchos en su propio pais sin dificultad alguna. Suiza, por ejemplo, en principio no permite la importación privada de cartuchos. Además, **no está permitido el envio por correo de munición** a muchos paises, sobre todo de ultramar. El envio por via maritima o aerea resulta muy costoso (unos US $ 12.50 en el caso de cantidades minimas). Cartuchos medio cargados o accesorios, asi como dispositivos de carga desgraciadamente no pueden suministrarse todavia.

COMPRAS DE OCASION

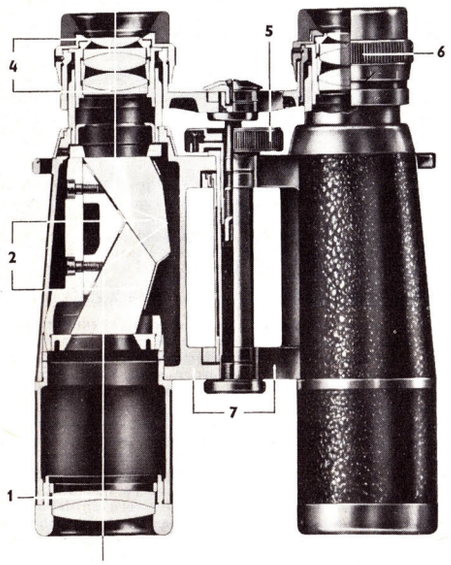
No exportamos articulos de 2ª mano, a fin de evitar posibles decepciónes a nuestros clientes.

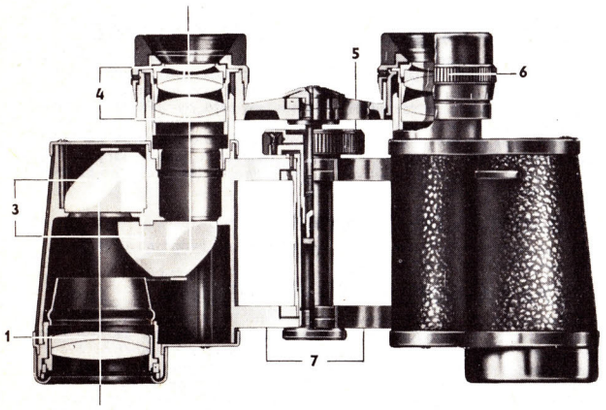
REPARACIÓNES, MONTAJES, etc.

Antes de enviarnos del extranjero un arma para reparación, montaje del anteojo, encepadura, etc., **sirvanse consultarnos primero** si nosotros podemos ejecutar los trabajos deseados e informarse qué dificultades se presentan relativas a la tramitación aduanera. No podremos menos de cargarles un **importe global de unos US $ 6.25** para gastos acerca las licencias de importación y de reexportación necesarias. La tramitación de las formalidades y de los documentos de por si requerirá unas 4 semanas antes de que podamos proceder a ocuparnos del encargo.

Prism Binoculars

Is the animal young or old? This is often a difficult question even for the experienced hunter. Build, posture, antlers, behaviour — all these factors must be judged correctly. But frequently one must go by the face, i.e. the part from the mouth to the burrs. Is there a patch above the mouth, does it already extend to the middle of the face, is the face uniformly gray or does a black patch show on it? These questions can be answered only by using a good, high-powered hunting glass. But prism binoculars are not intended for hunting purposes only. On trips, when hiking in the woods, at football games, watching parades, or looking at the starry sky on a summer night — prism binoculars will enhance your enjoyment of all these. On the following pages we explain what you should take into consideration when selecting your binoculars.





Illustrations show Hensoldt-Dialyt and Diagon Models in cross-section.

Optical Terms and Facts

The Objectives (1)

are the front lenses in binoculars and hunting scopes. They produce a reversed and inverted image.

The Prisms (2 and 3)

correct the image produced by the objectives. Moreover, they make the shortened tube construction of prism binoculars possible, by reflecting the optical path of the light several times. The kind of prisms influences the outer form and weight of the binoculars. Hensoldt-Diagon Glasses and Zeiss Binoculars (3), for example, have the small, compact form. Hensoldt-Dialyt-Binoculars have roof angle prisms (Abbe prisms) (2) and the popular slim handy tube form.
In telescopes and hunting scopes the image is corrected by lenses.

The Eyepiece (4)

house the rear lenses. Through them the image of the object viewed is passed to the retina of the eye.

The Center Focusing Wheel (5)

adjusts simultaneously and conveniently both eyepieces for short and long-distance observation.

The Right Eyepieces (6)

is adjustable on all glasses with center focusing wheel, to compensate for differences in visual power the eyes. In Single Focusing Binoculars the eyepieces are individually adjustable. Range of adjustment usually is ± 5 diopters.

The Connecting Bar (7)

by which both telescopic tubes are connected with a swivel in the center, makes it possible to adjust the eyepieces to the interpupillary distance of the observer, so that at the correct adjustment **one** image is seen.

The Frames

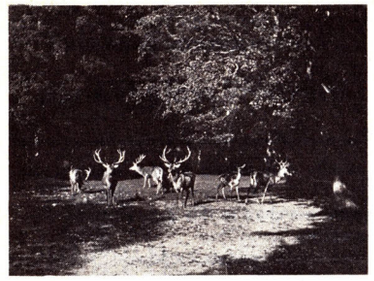
of brand-name binoculars, e.g. Hensoldt, Leitz or Zeiss, are made from special light alloys. They are coated with a leather-type, grained rubber substance which is applied to the frame by means of a special process, and therefore is highly durable. A leather-type plastic coating is glued on to the frames of lower-priced binoculars.

The Adjustment

guarantees that all mechanical and optical parts are in their proper places and precisely positioned. When the adjustment is correct, the images produced by the optical systems are so set that **one** image is seen. If the adjustment is incorrect, the eyes try to compensate for it, which causes fatigue and headache. Good binoculars are so constructed that they will always give a perfectly corrected image.

The Sealing

of optics against dust and moisture is better in glasses with individual focusing than in those with central focusing. Although in brand-name binoculars and hunting scopes, particular care is given to good sealing, it is advisable to protect them against excessive exposure to moisture and dampness.



An example for magnification: a herd of stag seen without binoculars.

Stag are seen this clearly from the same point with a glass having 6× magnification.

And so with binoculars having 8× magnification. Point is the same.

Anti-Reflection Coating

Light when passing through a plate of glass is weakened because part of it is reflected at each air-to-glass surface. To this loss in brightness comes a reduction of the image contrast as these reflections lie as "scatter light" over the image.

As regards anti-reflection coating a very thin film of a special mineral salt is applied the polished glass surfaces which give the lenses a blue to purple color. This mineral salt film has a different refraction than glass and reduces reflection to a minimum. Thus by anti-reflection coating the light transmittance is not only increased by approx. a third, but also a better image contrast and definition is achieved. All rifle scopes and binoculars offered by us are provided with an anti-reflection coating.

Air Bubbles

When turning around prism binoculars and locking intc the lenses one can sometimes see small, black dots. These dots are not dust particles but very small air bubbles which can be seen only because the lenses have the effect of a magnitying glass when one looks directly through them.

Air bubbles are due to quality-improving additions and the difficult manufacturing process of melting high-quality glass types. They have practically no influence on the optical performance of binoculars, quite the contrary, they are a proof of the high quality of the glass used.

Magnification

in the data given for a model of binocular is always represented by the first number. With an 8× glass, for example, a roebuck 100 m away is seen so clearly and sharply as if it were only 12.5 m away from the observer (100 m divided by 8 = 12.5 m). Magnification thus brings the object viewed nearer to the eye and makes possible better observing as details are more strongly resolved.

7× and 8× magnification are by far the most preferred ones. The limit for hand-held instruments lies at 10× or 12× magnification, for the higher the magnification the more every movement of the body, breathing, pulsation, and even the wind effects the glass and does not permit exact observation.

The Effective Lens Diameter

is measured without the lens mounting. Size and quality of the objective substantially influence the overall performance of prism binoculars or rifle scopes. The larger the lens the more light enters the eye. It's exactly as in a room: the bigger the windows the brighter is the room. Therefore, at the same power a glass with large lens diameter will produce a brighter image than a glass with a smaller lens. But with rifle scopes or field glasses the quantity of light entering the eye is not only dependent on the diameter of the objective but also on the magnification. — The actual lens diameter is always stamped as second number on binoculars and rifle scopes. Previoosly instead of the lens diameter the luminosity was stamped on rifle scopes, e.g., 4×81 instead of 4×36.

Normal twilight performance

Increased twilight performance

The Twilight Performance Number

is the square of the quotient of lens aperture and magnification. Example: 8×50=400, the square root of 400, i.e. the number which multiplied by itself gives the initial number, is 20. The glass thus has a twilight performance number of 20. The twilight performance number indicates the performance of a field glass or rifle scope at twilight and night. It permits a comparison only if it is computed with due regard to the two following conditions: diameter of exit pupil of the binocular must not be assumed larger than the diameter of entrance pupil of eye; the exit pupil must not be smaller than 2 mm.

Exit Pupil

is the bright, round disc seen in the eyepiece when the glass is held at a distance of 25 cm pointed at a bright area. It indicates the light intensity passing through the eyepiece. It is the reduced image of the objective (entrance pupil). Its diameter is computed from the free objective diameter divided by the magnification. Thus the prism glass 6×30, for example, has an exit pupil of 5 mm. In cheap binoculars different types of glass are used which are not matched to each other, and in such a case the exit pupil is surrounded by a square area. On a bright day the pupil diameter of the human eye is only 2 to 3 mm. On young people and middle-aged persons the pupil opens in dusk and night to approx. 7 mm. The exit pupil therefore should be in conformity with the individual purpose the binoculars are intended for.

The Geometrical Relative Brightness

is computed by multiplying the exit pupil's diameter by itself. Example: Exit pupil 5 mm, then the relative brightness is 5×5=25. It serves as a mathematical-theoretical value for the image brightness, but does not sufficiently characterize the actual performance as it is computed only with the exit pupil. Let us compare the binoculars 6×30 and 10×50. Both have relative brightness 25, and yet with the 10×50 glass one sees more because of the better resolving power and higher magnification.

The Field of View

is the field which can be seen through a prism glass. For rifle scopes its width is stated at 100 m, for prism glasses at a distance of 1000 m. The higher the magnification the smaller the field of view. Prism glasses with expensive wide-angle or large-field eyepieces have a larger field of view.

Marginal Definition

All binoculars have the sharpest definition in the center of their field of view. According to make and price this sharpness falls off into blurriness at the edges. Thus branded prism binoculars must have higher marginal definition standards than lower-priced glasses.

The Plastic Effect

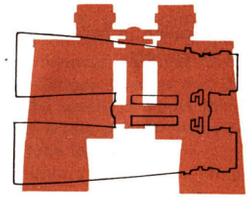
of objects viewed, i.e. their depth and position in the area, comes out clearly only when viewing (with or without binoculars) with both eyes. (When viewing with only one eye one sees them flat, as in a painting.)

Use

above all at dusk and night depends not only on the technical data, but also on the quality of the optical system, the individual differences of the eyes, the surroundings in which the object viewed is located, and other conditions. Therefore it may be possible that at one time the higher magnification and at another the greater exit pupil permits better observation.

Weight and Size

of a prism glass are mainly determined by the objective diameter,
the prism reversing system matched to this diameter,
and the material of the casing.
The Hensoldt Diagon and Dialyt models 7×50 and 10×50 can be compared with one another. The former have Porro prisms



and weigh approx. 1000 g. Having the same technical data the Dialyt models weigh approx. 300 g less because they have roof angle prisms. — This varies with individual models which, indeed, may have the same objective diameter — 50 mm — but have smaller bodies and smaller prisms. They consequently are smaller and lighter.
Although they have mathematically the same values as glasses with large bodies and prisms matched to the objective diameter their value in use is reduced because only part of the light entering reaches the eye.
As for the remaining optics, no weight can be saved and as light metal is always used for the body, a higher performance entails correspondingly greater weight and larger dimensions.

Center Focusing or Individual Focusing

Prism glasses with center focusing (marked with a "C" in our catalogue), i.e., a mechanism which focuses both eyepieces together, are preferred. Glasses with individual focusing (marked with an "I" in our catalogue) offer the advantaget hat at the eyepiece they are better sealed against moisture and dust.

Which Model to Choose?

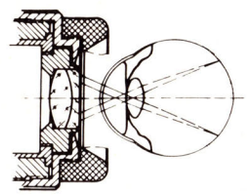
This depends primarily on what you want to use your glass for. Magnification and optical performance, size and weight should be in accordance with the individual use for which the binoculars are intended. If you cannot decide on a certain model, please write us which models you want to compare. We will gladly send you three glasses for fourteen days free inspection. We are sure that your final choice then will be easy. — Never forget that the purchase of a prism glass is an acquisition for a lifetime.

The Price

is determined by the quality of the optical and mechanical parts, the care applied during manufacture and the controlls carried through from raw material to final product. Moreover, the price is determined to a certain extent by the costs of the preliminary work, i.e. scientific computation of the optical build-up and of mechanical design. In the Federal Republic of Germany we have an outstandingly efficient optical industry. Because of the keen competition no manufacturer can demand excessive prices. When you pay a reasonable price for a good glass, you deserve high performance for your money, long service life and permanent value. All prism glasses are delivered with black leather neck straps.

Prism Glasses for Eyeglass Wearers

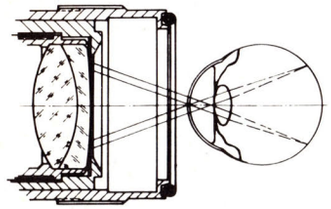
Standard prism glasses are so designed that the exit pupil of the glass lies approx. 8 to 10 mm before the last vertex of eyepiece lens. When eye caps rest against the brow usually the exit pupil falls into the pupil of the eye and the entire visual angle can be viewed. But if user of binoculars wears glasses then the distance to cornea is increased by approx. 12 mm and only about 1/3 of field of view can be observed.



Path of rays when using standard binoculars:

without eyeglasses

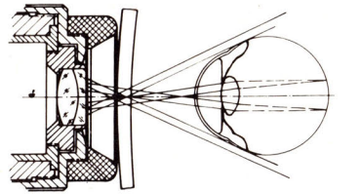
exit pupil of glass and pupil of eye lie on one plane, the field of view is fully used.



Path of rays in a Hensoldt Night Dialyt 8×56 B/TO:

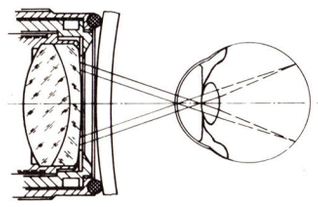
without eyeglasses

Eye cap is adjustable and can be adjusted to the user's eye.



With eyeglasses

The distance exit pupil/pupil of eye is too great, only part of the rays coming out of the glass enter the eye.



With eyeglasses

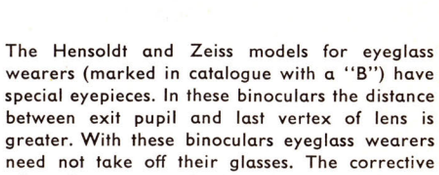
The eye cap is entirely or partly moved back; exit pupil and pupil of eye are on one plane, the entire field of view is visible.

The Hensoldt and Zeiss models for eyeglass wearers (marked in catalogue with a "B") have special eyepieces. In these binoculars the distance between exit pupil and last vertex of lens is greater. With these binoculars eyeglass wearers need not take off their glasses. The corrective effect of your spectacles is maintained, the entire field of view can be observed and is sharp to the edges.
In order that these binoculars may also be used by persons not wearing glasses, eye caps of the Hensoldt model 8×56 B/TO can be changed as to distance. The Zeiss models 8×30 B, 7×50 B, and 8×50 B are provided with special eye caps which can be easily turned over and thus render full performance also to those persons viewing without spectacles.
With standard prism glasses eyeglass wearers have a wider field of view if the regular eye caps are replaced by shallow eye caps. When you place an order with us we change eye caps immediately. As dimensions are not standardized, we ask you to send us your binoculars when ordering any type of eye caps. Standard eye caps are sold from $ 0.85, special makes cost from $ 2.50 to $ 3.75 per pair.

Favourable **export discounts** are offered on **optical instruments:** 5% on orders totalling more than $ 35.00 and 10% on orders totalling more than $ 75.00!

A Short Guide On How To Use Your Binoculars

1. Turn eyepieces entirely to + (plus).
2. Swing barrels of binocular together or apart until the distance between the two exit pupils is in accordance with your interpupillary distance. When correctly adjusted you see one uniform, round field of view.
3. Close your right eye and look with the left eye through the left eyepiece at an object which is some 1000 m away. Rotate slowly the center focusing wheel (with individual focusing the left eyepiece) to — (minus) until the image is sharp.
4. Now close the left eye and look with the right eye through the right eyepiece. Now rotate the right eyepiece as far to — (minus) until this image is also sharp.



Note:
Remember the adjusted settings; next time you use the glass with this adjustment you will immediately have a sharp image. When still-hunting at night you should change the adjustment to — (minus) with falling twilight. You achieve by this a better image reproduction as the dilation of the pupils of the eyes at the transition from colored daylight viewing to bright-dark night viewing entails a general night short-sightedness. It is a characteristic of our eyes and no fault of the binocular if its sharp focusing in twilight must be adjusted to minus by up to 1.5 diopters.

Prism Binoculars for Daylight Use

Prism glasses with 6× to 8× magnification and a diameter of 20 to 30 mm are small and light, they easily fit into a pocket or lady's handbag. They are most practical — when stalking, on a trip or hiking and on other occasions their performance is absolutely sufficient for daylight use. Observation of the stars is, of course, also possible. As a second glass these binoculars are the ideal supplement for the hunter who already owns a heavy night glass whose performance, however, cannot be fully utilised in daylight.

8×20, 6×24, 8×25

These featherlight prism glasses are ideal to carry, and because of their graceful design are very popular as opera glasses.

6×30

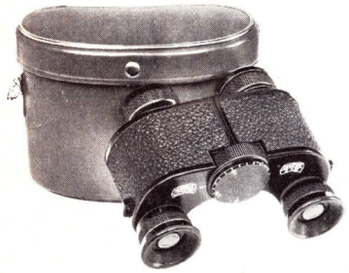
Because of the low magnification the image is still steady even if the observer is standing on moving ground, e.g. a boat, or has unsteady hands.

8×30

Wide-angle optics offer a wide field of view. You can observe more accurately as the magnification is greater. 8×30 prism glasses are multi-purpose binoculars and are particularly popular.

The most popular
***Frankonia* -Prism Glass**
8×25

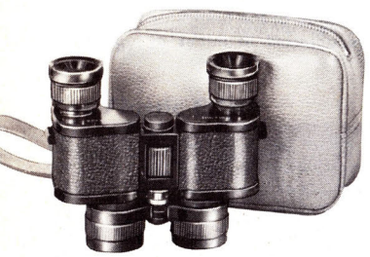
the ideal supplement to your night glass and a second glass for the whole family.



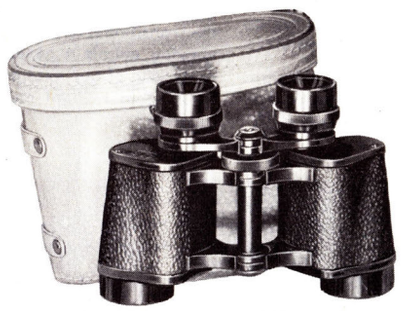
8×20 M
Hensoldt-Diasport
with case . . . . . $ 66.75

6×24 M
Leitz-Trinovid
with case . . . . . $ 99.00
with leather bag . . . . . $ 96.50

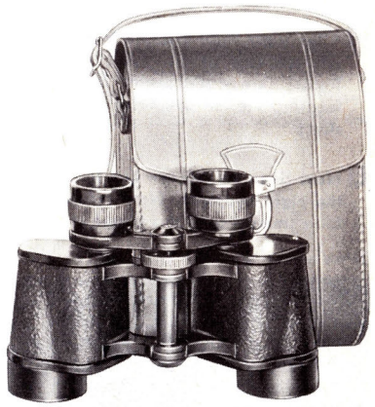
8×25 M
Frankonia
with leather bag . . . . . $ 37.25



8×25 M
Dolomit
with leather bag . . . . . $ 22.40



6×30 M, 8×30 M
Lichter
6×30 M with case . . . . . $ 22.40
8×30 M with case . . . . . $ 24.90



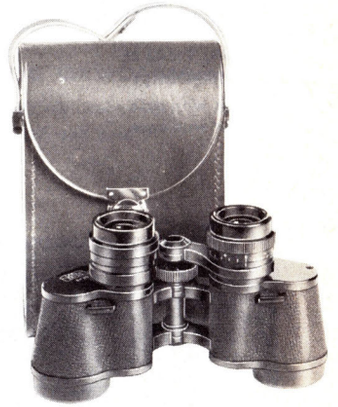
8×30 M Meopta
with case . . . . . $ 24.75

Our most popular 8×30

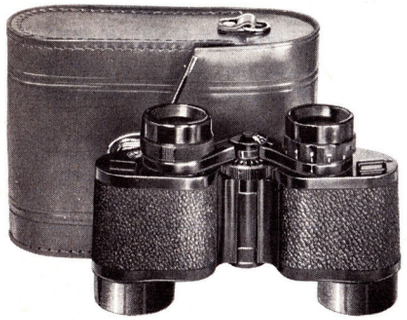
Model	Magnification	Objective ∅ mm	Twilight Performance	Exit Pupil ∅ mm	Luminosity	Field of View at 1000 m	Weight in g	Height and Width mm	Price, excl. case $	Price, incl. case $
Hensoldt-Diasport . .	8×	20	12,7	2,5	6	120	250	75×105	**62.75**	**66.75**
Leitz	6×	24	12,0	4,0	16	212	440	96×96	**93.00**	**99.00**
Dolomit	8×	25	14,1	3,1	11	125	250	87×100	**20.40**	**22.40**
Frankonia	8×	25	14,1	3,1	11	130	240	85×100	**35.25**	**37.25**
Frankonia	6×	30	13,4	5	25	150	450	116×170	**46.25**	**49.50**
Hensoldt-Diagon . . .	6×	30	13,4	5	25	150	460	110×160	**79.00**	**84.00**
Diagon ET/S/TO . . .	6×	30	13,4	5	25	150	570	110×170	**82.50**	**89.75**
Lichter	6×	30	13,4	5	25	150	550	110×170	**19.90**	**22.40**
Zeiss	6×	30	13,4	5	25	150	440	90×165	**88.75**	**95.00**
Frankonia	8×	30	15,5	3,75	14	150	450	117×170	**61.25**	**64.50**
Hensoldt-Diarex . . .	8×	30	15,5	3,75	14	120	460	105×150	**62.40**	**66.00**
Hensoldt-Diagon . . .	8×	30	15,5	3,75	14	150	480	110×162	**82.00**	**87.00**
Diagon ET/S/TO . . .	8×	30	15,5	3,75	14	150	590	110×170	**86.25**	**93.50**
Lichter	8×	30	15,5	3,75	14	130	550	110×170	**22.40**	**24.90**
Meopta	8×	30	15,5	3,75	14	150	500	110×165	**22.25**	**24.75**
Sornet	8×	30	15,5	3,75	14	130	500	115×160	**39.90**	**42.35**
Zeiss	8×	30	15,5	3,75	14	150	500	100×165	**103.75**	**110.00**
Zeiss B	8×	30	15,5	3,75	14	110	480	100×165	**107.50**	**113.75**

6×30 M, 8×30 M
Frankonia
6×30 M with bag . . . . . $ 49.50
8×30 M with bag 64.50

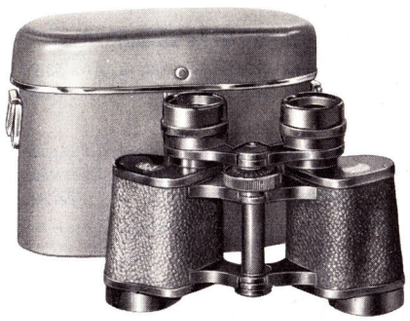
8×30 M
Sornet
with bag. . . . . $ 42.35



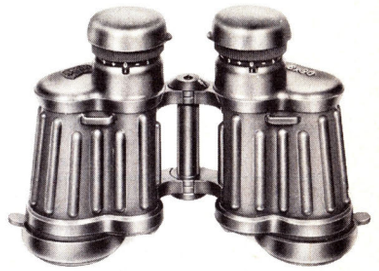
6×30 M, 8×30 M/B
Zeiss
6×30 M with bag . . . . . $ 95.00
8×30 M with bag 110.00
8×30 M with case 112.50
8×30 B with bag 113.75
8×30 B with case 116.25



8×30 M
Hensoldt-Diarex
with bag . . . . . $ 66.00
With novel mirror reflex reversing system



6×30 M, 8×30 M
Hensoldt-Diagon
6×30 M with bag . . . . . $ 84.00
6×30 M with case 86.25
8×30 M with bag 87.00
8×30 M with case 89.25



6×30, 8×30 OE (ET/S/TO)
Hensoldt-Diagon
6×30 OE without case . . . $ 82.50
8×30 OE (ET/S/TO) 86.25
Saltwater-proof, complete rubber covering

Prism Glasses with Increased Twilight Performance

They excell through handiness and pleasant low weight. At that they are powerful and very practical.

8×32, 8×40, 7×42

They are popular all-round and hunting glasses because of their favorable magnification, excellent image reproduction and handiness.

7×45, 8×45

Hunting glasses with high, optical performance especially for stalking and still-hunting at dusk and dawn.

10×40, 10×45

For long-range viewing, e.g. in the mountains, where clear and high magnification as well as good twilight performance are important.

8×32 M, 7×42 M
Hensoldt-Dialyt

8×32 M with case . . . . $ 104.25
7×42 M with case 115.50

8×32 M
Leitz-Trinovid

with case . . . . . $ 110.25
with leather bag 107.25

8×40 M Dolomit

with bag . . . . . $ 36.40

10×40 M
Leitz-Trinovid

with bag . . . . . $ 119.25
with leather bag 116.25

7×45 M, 8×45 M Sornet

7×45 M with bag . . . . . $ 53.90
8×45 M with bag 56.40

8×45 M, 10×45 M Frankonia

8×45 M with bag . . . . . $ 72.00
10×45 M with bag 74.50

Model	Magnification	Objective ∅ mm	Twilight Performance	Exit Pupil ∅ mm	Luminosity	Field of View at 1000 m	Weight in g	Height and Width mm	Price, excl. case $	Price, incl. case $
Hensoldt-Dialyt	8×	32	16,0	4	16	150	580	160×127	**96.00**	**104.25**
Leitz-Trinovid	8×	32	16,0	4	16	150	490	114×108	**103.25**	**110.25**
Dolomit	8×	40	17,9	5	25	115	520	143×170	**32.40**	**36.40**
Leitz-Trinovid	10×	40	20,0	4	16	122	550	139×134	**111.75**	**119.25**
Hensoldt-Dialyt	7×	42	17,1	6	36	140	600	180×124	**107.25**	**115.50**
Frankonia	8×	45	19,0	5,6	31	110	580	165×178	**68.00**	**72.00**
Frankonia	10×	45	21,2	4,5	20	105	580	165×178	**70.50**	**74.50**
Sornet	7×	45	17,8	6,4	41	115	660	175×175	**49.90**	**53.90**
Sornet	8×	45	19,0	5,6	31	110	660	175×175	**52.40**	**56.40**

Hunting Glasses with High Twilight Performance (Night Glasses)

For observation in bad visibility conditions, twilight, starry nights, full moon, and, of course, for use in daylight.

7×50

Standard glass for hunting and many other purposes. Large exit pupils give maximum brightness. With wide field of view also moving objects can be quick-focused and observed.

10×50

A 10× magnification glass is recommendable when primarily used for long-range viewing. It gives a better view of details if you are able to hold the glass steady.

7×50 M, 10×50 M Lichter

7×50 M with case . . . . . $ 29.90
10×50 M with case. 32.40

7×50 M, 10×50 M Dolomit

7×50 M with bag . . . . . $ 38.90
10×50 M with bag 41.40

7×50 OE, 10×50 OE Meopta

7×50 OE with case . . . . $ 39.25
10×50 OE with case 44.25

7×50 M, 10×50 M Sornet

7×50 M with case . . . . . $ 61.90
10×50 M with case. 66.90

7×50 M, 10×50 M Frankonia

7×50 M with case . . . . . $ 87.00
10×50 M with case. 94.50

7×50 B/OE
Zeiss

with case . . . . . $ 137.50

Model	Magnification	Objective ∅ mm	Twilight Performance	Exit Pupil ∅ mm	Luminosity	Field of View at 1000 m	Weight in g	Height and Width mm	Price, excl. case $	Price, incl. case $
Dolomit	7×	50	18,7	7,14	51	105	660	180×175	**34.90**	**38.90**
Frankonia	7×	50	18,7	7,14	51	128	870	170×197	**80.00**	**87.00**
Lichter	7×	50	18,7	7,14	51	120	990	183×200	**27.40**	**29.90**
Meopta	7×	50	18,7	7,14	51	128	990	177×205	**34.75**	**39.25**
Sornet	7×	50	18,7	7,14	51	128	990	170×195	**54.90**	**61.90**
Zeiss B	7×	50	18,7	7,14	51	130	900	121×200	**125.00**	**137.50**
Dolomit	10×	50	22,4	5,0	25	95	660	170×175	**37.40**	**41.40**
Frankonia	10×	50	22,4	5,0	25	128	870	170×197	**87.50**	**94.50**
Lichter	10×	50	22,4	5,0	25	105	990	175×200	**29.90**	**32.40**
Meopta	10×	50	22,4	5,0	25	118	990	192×205	**39.75**	**44.25**
Sornet	10×	50	22,4	5,0	25	87	990	160×195	**59.90**	**66.90**

Hunting Glasses with High Twilight Performance (Night Glasses)

8×50 B
The higher magnification with a 50 mm objective results in a better twilight and optical performance.

8×56
This extremely light Hensoldt high-performance glass meets the most exacting requirements one can have as to a hand-held night glass.

8×56 B/TO
Gives eyeglass wearers full field of view. Rubber covering prevents any sound and protects against shock and impact.

8×60
A versatile hunting glass which has proved itself for many years, and whose favorable optical data give good performance. At that the glass is handy and not heavy.

12×60
For long range viewing. High magnification with excellent brilliance and brightness, outstanding image resolving power.

11×80
Special night glass with remarkable optical data and outstanding performance. Despite its size it can be used without tripod.

7×50 M, 10×50 M
Hensoldt-Diagon

7×50 M with case	$ 121.50
10×50 M with case	129.00

7×50 M, 10×50 M
Hensoldt-Dialyt

7×50 M with case	$ 123.75
10×50 M with case	131.25

7×50, 10×50 OE (ET/S/TO)
Hensoldt-Diagon

7×50 OE without case	$ 110.25
10×50 OE (ET/S/TO) without case	$ 117.75

A hunting glass with which barrels can be used having either 35 mm or 60 mm objective diameter. At the same time one has the light and handy glass for daylight use and a special glass for use in twilight and night still-hunting. Bayonet catch allows rapid and easy interchanging.

Hellso-Duplex 7×35 and 12×60 M

with case	$ **215.00**
without case	**200.00**

Barrels with 35 mm and 60 mm diameters can be rapidly and easily interchanged (bayonet catch).

NEW!

Combined Seat-Muff-Bag Frankonia

It serves at the same time as a bag for small articles, a cushion, and in winter can be used as a muff. Made from moisture-resistant, green leatherette (Lederol), seats foam rubber upholstered. When ordering separately, please quote make and model of binocular. Price incl. shoulder strap.

Size 1 for Hensoldt-Dialyt models, Zeiss 7 to 10×50	$ **7.40**
Size 2 for 7 and 10×50, 7 and 8×45 with Porro prisms	**7.40**
Size 3 for 10×60, 12×60 and 11×80	**8.65**

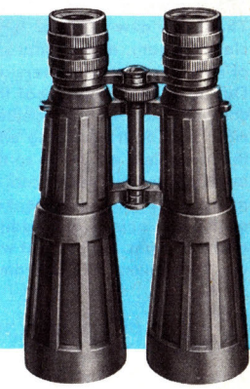
Model	Magnification	Objective ∅ mm	Twilight Performance	Exit Pupil ∅ mm	Luminosity	Field of View at 1000 m	Weight in g	Height and Width mm	Price, excl. case $	Price, incl. case $
Hensoldt-Diagon	7×	50	18,7	7,14	51	128	1000	174×200	**111.00**	**121.50**
Diagon ET/S/TO	7×	50	18,7	7,14	51	128	1185	180×205	**110.25**	**120.75**
Hensoldt-Dialyt	7×	50	18,7	7,14	51	125	700	205×128	**113.25**	**123.75**
Zeiss B	8×	50	20,0	6,25	39	130	1050	125×195	**155.00**	**167.50**
Hensoldt-Diagon	10×	50	22,4	5,0	25	124	1020	165×205	**118.50**	**129.00**
Diagon ET/S/TO	10×	50	22,4	5,0	25	124	1215	180×205	**117.75**	**128.25**
Hensoldt-Dialyt	10×	50	22,4	5,0	25	110	800	223×142	**120.75**	**131.25**
Zeiss	10×	50	22,4	5,0	25	130	1000	133×200	**175.00**	**187.50**
Hensoldt-Dialyt	8×	56	21,2	7,0	49	110	800	226×140	**120.75**	**131.25**
Hensoldt-Dialyt B/TO	8×	56	21,2	7,0	49	110	1000	240×153	**153.75**	**164.25**
Sornet	8×	60	21,9	7,5	56	110	1000	200×210	**74.90**	**81.90**
Meopta	12×	60	26,8	5,0	25	100	1300	236×215	**42.25**	**46.75**
Hellso-Duplex	7×	35	15,6	5,0	25	162	870	170×137	**156.00**	**173.25**
7×35 und 12×60	12×	60	26,8	5,0	25	94	1200	250×160	**134.75**	**145.50**
Beck-Tordalk	11×	80	29,7	7,2	51,8	80	1570	280×225		

For observations with firm support we recommend: Hensoldt-Diagon 15×50 $ **138.00**, Hensoldt-Dialyt 16×56 $ **140.25.** Zeiss 15×60 $ **218.75**

8 × 50 B/M, 10 × 50 M
Zeiss

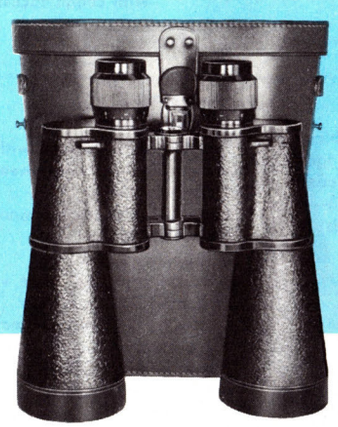
8 × 50 B/M with case	$ 167.50
10 × 50 M with case	$ 187.50

8 × 56 M
Hensoldt-Night-Dialyt
with case $ 131.25



8 × 56 B/TO M
Hensoldt-Night-Dialyt
without case $ 153.75

8 × 60 M
Sornet
with case $ 81.90



12 × 60 OE
Meopta
with case $ 46.75

11 × 80 M
Beck-Tordalk
with case $ 145.50

Famous Brand Prism Glasses

Hensoldt Hunting Glasses

Scientific basis, technical know-how, use of best material and precision in manufacture are "embodied", in the true sense of the word, in each Hensoldt field glass. Excellent definition, mechanical precision, reliability and permanent value for the user are the most important characteristics of all Hensoldt field glasses.
The following models are available:
Dialyt glasses with roof angle prisms and center focusing are especially popular with hunters because of the advantages they offer.
Diagon glasses with Porro prisms and center focusing in the old, tested construction. For heavy-duty service Diagon models are manufactured in seawater-proof construction with individual focusing and rubber covering.

Leitz Trinovid Prism Glasses

These are new types of binoculars of an international extra class. Elegant, novel shape, unusually small and light because of new prism image reversion.
Dustproof and waterproof through true internal focusing. The compact barrels and eyepiece mountings form one, in itself rigid unit. Sharp-focusing effects directly the inside member of the large-field eyepieces so that outer eyepiece mounting is not adjusted and no leaks can occur. The inside focusing makes possible the joint adjustment of both eyepieces for rapid focusing on moving objects and additional adjustment to align differing acuity of sight. Adjustment wheels lie on a joint central axis and can be conveniently operated during observation at finger-tip control.

ZEISS Field Glasses

have a compact, handy form. This is achieved by tele-lenses (two lenses seperated by an air space). With new-computed eyepieces they produce an image of highest definition. Novel rubber sealings make them resistant to weather and climate. The 7 × 50 B model has individual focusing, all other models have center focusing. Zeiss field glasses meet the highest standards.

DOLOMIT Prism Glasses

have been chosen after thorough examination from the great variety of low-priced German models. They have an optical system producing a clear definition, center focusing, and are well worked, aligned and sealed.

Frankonia Hunting Glasses

have center focusing and a tested, selected optical system with good marginal definition. Optics are carefully bedded, and permanently aligned and secured against moisture and dust. Frankonia prism glasses are most popular with German hunters because they are something special both as to quality and price.

LICHTER Binoculars

with center focusing, are produced by an important Japanese company. In that we import these glasses directly, we are able to purchase Japanese top-quality without additional expense, and we can offer them at favorable prices. Optics are screw-type mounted, have dual-excenter alignment and produce an amazingly bright image.

meopta Field Glasses

are puchased from Czechoslovakia. They are produced with the same care as are the world-renowned BRNO hunting weapons. As to construction they correspond to the former Service and Navy Glasses. The 8 × 30 model has center focusing and a leather-type body covering, the other models have individual focusing and a tropicalized body covering. The excellent optical system renders a high image quality safeguarded by dual-excenter alignment. The Meopta glasses which have also proven themselves in Germany time and again are particularly well sealed and are very suitable for rugged use.

SORNET Prism Glasses

Surprisingly good optics, careful working, alignment and sealing, reliable in use. Exceptionally favorable prices — these are the essential characteristics of the tested Sornet prism glasses with center focusing.

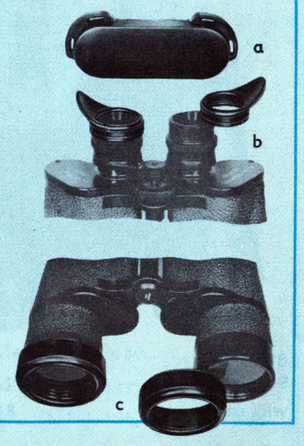
Accessories

Quick-Use Protective Covering from thick-impregnated special fabric, felt-lined, edges leather-trimmed. Price $ **5.95** to $ **6.40.** Please quote field glass model, time of delivery 3—4 weeks. Not available for 6—8 × 30 models or all Zeiss and Möller glasses.

a **Rubber Rain Guard**
Order No. 2561 . . . . . $ **0.60**
Leather Rain Guard with eyelets for strap attachment,
Order No. 2562 . . . . . $ **2.25**
eyelets for strap attachment,
Order No. 2562a . . . . . $ **0.40**

b **Rubber Eye Guards** prevent disturbing "side vision"
Order No. 2563, per pair. . . $ **0.90**

c **Snap-On Rubber Objective Caps.** To protect the glass and to absorb shock. Available sizes for prism glasses with a free objective diameter of 30—60 mm Order No. 2565
Size 1 = ca. 30 mm . . . . . $ **0.85**
Size 2 = ca. 40—45 mm . . . **0.85**
Size 3 = ca. 50—56 mm . . . **0.85**
Size 4 = ca. 60 mm **0.95**



Telescopes, Monoculars, Tripods

Nickel -Telescopes

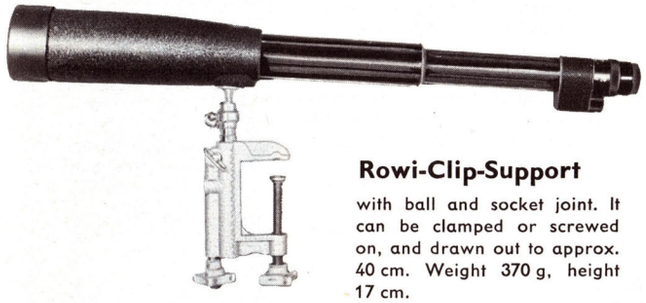
with variable magnification do good service where the magnification of a binocular is not sufficient. For the hunter they are indispensable for exact viewing of game, when counting number of game in hunting area or for general observation and test shooting. (They are not suitable for night still-hunting.) Because of their excellent image resolving power, target shooters, nature lovers, biologists and amateur astronomers rate them highly.
Nickel telescopes are provided with tripod thread and sun visor. Their high-quality optics which have an antireflection coating produce a bright image sharp at the edges. The new precision adjustment makes it possible to easily adjust exact definition.

Nickel -Telescope with Variable Magnification from 15 × to 40 ×

Diameter 40 mm weight 600 g, length, retracted 30 cm, drawn out 56 cm, field of view at 1000 m 44 to 19 m.
Order No. 2596a price, incl. leather case . . . . . $ **51.75**

Nickel -Telescope with Variable Magnification from 15 × to 60 ×

Diameter 60 mm, weight 800 g, lenght, retracted 30 cm, drawn out 56 cm, field of view at 1000 m 42 to 13.5 m.
Order No. 2598 price, incl. leather case . . . . . $ **63.75**
Zenit prism for astronomical observation . . . . . $ **15.00**
The performance a telescope can render is fully utilised only when mounted on a tripod.

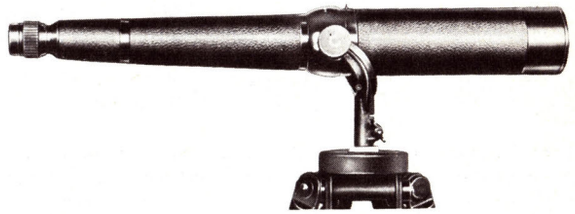


Rowi-Clip-Support

with ball and socket joint. It can be clamped or screwed on, and drawn out to approx. 40 cm. Weight 370 g, height 17 cm.
Price . . . . . $ **6.00**

Monocular Prism Glasses

are for one-eye-use. As far as they are offered by companies producing binoculars they cost half the price charged for individual binoculars with center focusing and case.



Hensoldt Dialyt Prism Monoculars
cost incl. leather caps for eyepiece and objective, thread connection for photo tripod for 16 × 56 and 25 × 56, or fork bearing for mounting on tripod for 40 × 60:
16 × 56 $ **75.00** 25 × 56 $ **82.50** 40 × 60 $ **108.00**
For astronomical observations the Mono-Dialyt model 40 × 60 is also manufactured without prism reversion system and costs $ **97.50.**

Field Glass Accessories

Black Leather Neck Strap
for prism glasses, order No. 2560 . . . . . $ **0.50**

Brown Leather Shoulder Strap
for case, order No. 2560a . . . . . $ **0.75**

Brown Anti-Slip Cushion Pad
for shoulder strap, order No. 2560b . . . . . $ **0.30**

Kuli Dust Brush
to clean optics, order No. 2566 . . . . . $ **0.85**

Frankonia Anti-Fog Cloth
Keeps your field glass, rifle scope lenses and eyeglasses clear at change of temperature.
Order No. 2566a . . . . . $ **0.20**

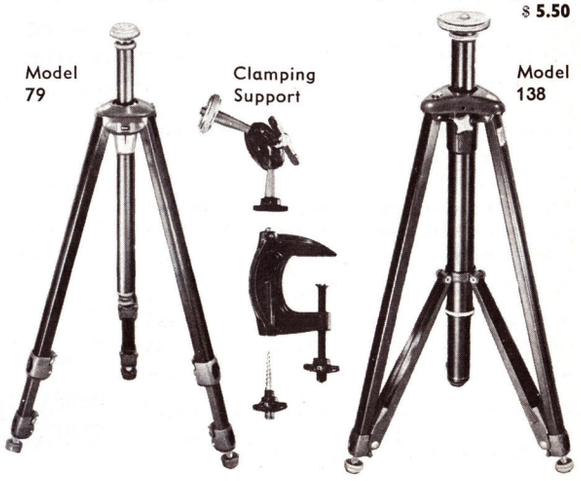
Rugged Linhof Precision Tripods

Uni-Clamping Support with clamp and screw for attaching to tree, weight 590 g, price . . . . . $ **14.90**

Combi-Profil Tripod Model 79
3 sections, can be drawn out from 51 to 152 cm, directionpost movable to all sides at 10° angle, green eloxadized, weight 1490 g . . . . . $ **22.25**

Rekord-Profil Tripod Model 138 with 2-section tripod legs umbrella-type strut-braced to center column, can be drawn out from 61 to 150 cm, green-eloxadized, weight 2000 g . $ **34.50**

Tripod Clamp, without ball and socket joint, for prism glasses $ **5.50**



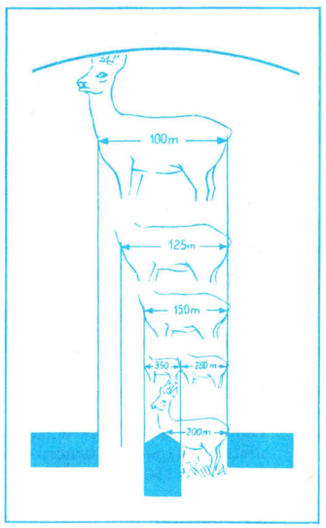
Rifle Scopes

To hunt properly means to place a good shot and to make a clean kill. Now what about game coming out of thickets at advanced twilight? In twilight the game no longer stands out clearly; likewise it is difficult to align the rear sight, and front bead with game. The result is a badly placed shot. Here the rifle scope is of great help to the hunter. Old people and nearsighted hunters, especially eyeglass wearers aren't even able to align the rear sight, front bead and game properly in full daylight. More often than not the rear sight gets blurred and becomes unsharp. The visual power of all persons decreases when they are approximately 35 years old, at first they hardly realize it but it does decrease continuously.

A good rifle scope is of advantage in all cases, for

1. every scope has a precision adjustment of optics by which adjustments of sharpness of ±5 Diopters can be effected in accordance with visual power of the eye.
2. Through magnification the target is one brought nearer to the eye. With a 4 × scope distance is reduced to a fourth, with a 6 × scope to a sixth.
3. Instead of rear sight and front bead one needs only to move the reticle into the target. Aiming errors are almost completely excluded by this.
4. Because of the optical performance of the rifle scope, a safe shot can be placed even in advanced twilight where aiming with iron sights is absolutely impossible.

Each rifle scope has a precisely worked reticle which allows accurate aiming. **The standard reticle No. 1** facilitates precise aiming also at small targets and under unfavorable light conditions. The arms of the standard reticle actually are only 2/10 mm thick. This corresponds, for example, to a measure of 20 cm at 100 m and 60 cm at 300 m distance, etc. Magnification is of no importance as reticles appear correspondingly weaker or stronger, and the aim smaller or larger. The free space between the crossbeam at a distance of 100 m corresponds to a width of 70 cm, that is approximately the lenght of a roebuck. It therefore is possible to approximately determine distance with a rifle scope (see opposite illustration).



In Kahles rifle scopes the reticle is weaker in those models having a higher magnification. As little as possible of the target is to be obscured. The arms of the Kahles reticle cover at a distance of 100 m with a magnification of:

$2^1/_2$ × = 30 cm, 4 × and $2^1/_3$ to 7 × = 20 cm
6 × and 3 to 9 × = 15 cm 8 × = 12 cm

Hensoldt rifle scopes with variable magnification (Diavari $1^1/_2$—6 ×) are provided with the Diavari standard reticle. Crossbeams are tapered towards center, vertical aiming post reaches up only to center of both crossbeams.

The rifle scopes offered are delivered with standard reticle. Special reticle No. 6 without extra charge.

Special reticles 2, 3, 4 and 5 cost more:

with Hensoldt scopes . . . . . $ **5.75**
with Frankonia and Kahles models . . . $ **4.25**
with Nickel scopes from . . . . $ **3.75** to $ **6.25**

Time of delivery depends on season. In the case of subsequent fitting or with special reticles not listed, costs are higher.

Dolomit and Sornet rifle scopes are delivered only with standard reticles and single reticle adjustment.

The single reticle adjustment for change of shot point as to height is installed in a turret on the center tube. The additional lateral adjustment of reticle requires another turret at the side. This slightly impairs the elegant form and increases the weight by approx. 30 g. To the German hunter this offers no advantages as lateral deviation of shot point can be adjusted by support at the rear mounting base of the claw mount. In case, however, a rifle is to be used in another country it is advisable to select a rifle scope with additional lateral adjustment of reticle. With this device it is easier for the shooter to target-in his rifle himself if a change of shot point becomes necessary.

Extra prices for windage adjustment are for

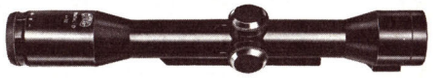
Frankonia scopes
(in catalogue marked D) . . . . . $ **3.75**

Hensoldt scopes
(in catalogue marked D) . . . . . $ **5.25**

Kahles scopes
(in catalogue marked with 2) . . . . . $ **3.75**

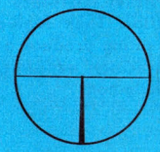
Nickel scopes
(in catalogue marked with B) . . . . . $ **3.00**

Hensoldt Diatal D 4 × 32
(Light metal model with double reticle adjustment and mounting rail.)

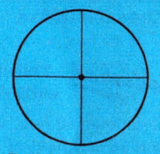


Standard reticle No. 1

Diavari standard reticle No. 1



Reticle No. 2 is suitable for a fast shot in that the fine, horizontal crosshair does not obscure field of view.



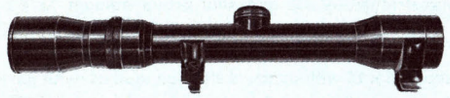
Reticle No. 3 also permits fast shooting, but is not suitable for twilight use as the crosshairs do not contrast clearly enough.

Reticle No. 4 is ideal for twilight as the thick arms contrast clearly. It also suitable for long range shots, as the target is not covered when aiming high.

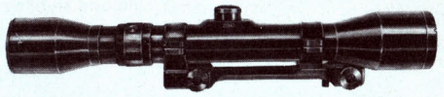
Reticle No. 5 incorporates mainly the same advantages as No. 4. The dot facilitates fast shooting, but it is not so good for pin point shots on small targets. At a distance of 100 m it covers 6 to 9 cm and at 300 m 18 to 27 cm dia. area.

Reticle No. 6 (Crosshair) is hardly used in Germany, even for daylight hunting.

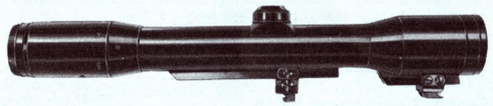
Steel or Light-Metal Construction?



On steel rifle scopes the mounting parts are direct-attached, therefore the scope lies slightly lower (approx. 6 mm which is the height of the mounting rail of light-metal scopes). But for the Suhl hook-in type mounting costs are higher, as half rings are soldered to the tube. Therefore the scope must be dismantled, the tube new-blued and the optical elements must be carefully re-installed, aligned and sealed.



We deliver the models Hensoldt, Kahles and Nickel in **light-metal construction without mounting rail.** We recommend them only for rifles on which mountings with closed rings (clamping rings which are not soldered) are used, e.g. .22 L.R., .22 Hornet or BRNO repeating rifles.



Good light-metal rifle scopes with mounting rail are as rugged as steel scopes but are lighter. Moreover, for mounting they need not be dismantled. Therefore the optical elements which were aligned and bedded in the scope with great care remain unchanged and the highest optical performance is maintained. The price difference between steel and light-metal construction is small. If the scope is installed by means of the Suhl hook-in type mount, the total price is almost the same, as the same mounting for steel scopes is more expensive. Light-metal rifle scopes with mounting rail are therefore especially popular.

Hensoldt light-metal rifle scopes without mounting rail are available only with double reticle adjustment, mark DA. They cost as much as the same models with rail.

Kahles light-metal scopes without mounting rail — mark L — weight approx. 80 to 150 g less and cost $ **3.00** more than the same steel scopes.

Nickel light-metal scopes without mounting rail — mark E/D — and constant magnification cost $ **1.50** to $ **4.00** more than steel scopes. With variable magnification they cost $ **3.00** to $ **3.25** less than same models with rail.

Characteristics ALL of our scopes have in common:

- Parallax-free and shockproof bedded, coated optics with maximum field of view and good marginal sharpness.
- Reticle adjustment protected by screw cap.
- Careful sealing guards against external effects (complete sealing, especially against water, is not possible for rifle scopes).
- Easy sharp focusing
  with Frankonia (4 × 36 and 6 × 42), Hensoldt and Nickel scopes through knurled ring at eyepiece. Frankonia ($2^1/_2$ and $3^3/_4$ ×), Dolomit, Kahles and Sornet scopes are focused by turning of ocular head after loosening of lock ring.

Dolomit scopes
are well worked and have clear optics. There are lower-priced scopes available which however we do not offer because even with inexpensive scopes minimum standards must be fulfilled which are not compatible with lowest prices.

Frankonia scopes
are manufactured with great care by a small optical company. They have already proven themselves time and again and are moderately priced.

Hensoldt scopes
enjoy utmost confidence. Because of their tested design, high quality and outstanding performance they belong to the best of the German makes. The latest improvement is that all threads are provided with sealing rings made from rubber resistant to aging.

Kahles scopes
because of their high quality and performance are internationally renowned Austrian first quality optical instruments. Special features: wide field of view, additional sealing against air and water through patented o-ring sealings from high-quality special rubber. These ring sealings are fitted at objective and ocular lenses and mountings, at ocular head for sharp focusing and at reticle adjustment. Since 1959 we have sold some thousand Kahles scopes. For their high quality Kahles scopes are very moderately priced.

Nickel scopes
are quality products of German optical and precision engineering. Years of experience, continuous research and pioneering in new developments are the basis of their world wide reputation.

Sornet scopes
have proven themselves thousand-fold. Because of their amazingly good optics, reliability and unusually reasonable prices they are especially popular.

Which rifle scope to choose?

This depends on the game you intend to shoot. As mentioned in our article "Optical Terms and Facts" (cf. page 12) the following data are also decisive as to the performance of a rifle scope:

Magnification and actual objective diameter, quality of optical elements and width of field of view.

If you cannot decide which of the scopes offered to buy, then please write us your wishes. We will be happy to advise you.

Important:

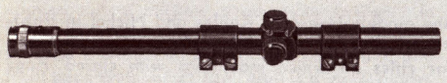
Keep in mind that nearly all of our scopes have a 26 mm (1.023″) tube diameter! American scopes normally have a 1 inch or 25,4 mm tube diameter.

Some small $2^1/_2$ × and $2^3/_4$ × scopes have a 22 mm (0.866″) tube diameter; the Hensoldt Diavari $1^1/_2$–6 × scope has a 30 mm (1,181″) tube diameter.

Rifle scopes with mounting parts

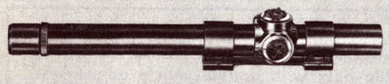
for small bore rifles with dovetailed rails.

Double reticle adjustment permits settings of point of impact as to height and side when targeting-in. You can mount the scopes on small bore rifles with dovetailed rail yourself. Of course, we will do this work too if you wish. Costs for mounting, fixing of stop screw on rifle and sighting-in at 50 m with cartridges .22 lfB. and shot group amount to $ **5.00**.



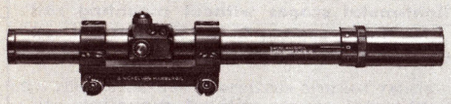
Haweka scope 4×15 with punched slide-on mounts, with partial-coated optics, without protective caps for objective and eyepiece. (Plastic protective caps without transparent discs, per pair $ **0.90**).

Luminosity 16	Weight with mount 300 g	
Field of view 9 m	Order No. 2702	Price $ **15.00**



Hensoldt **Diapi D scope $2^1/_2 \times 17.5$ with punched slide-on mount**

Luminosity 49	Weight with mount 300 g	
Field of view 9 m	Order No. 2786	Price $ **37.15**



Nickel **Supra Gnom scope 4×18** with milled slide-on mount

Luminosity 20	Weight with mount 275 g	
Field of view 6 m	Order No. 2759	Price $ **34.50**

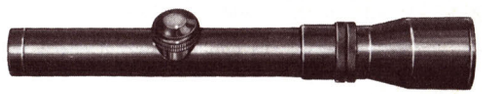
Rifle scopes with $2^1/_2 \times$ and $2^3/_4 \times$ magnification

$2^1/_2 \times$
$2^3/_4 \times$

Frankonia Steel $2^1/_2 \times 18$

SORNET Steel $2^1/_2 \times 18$

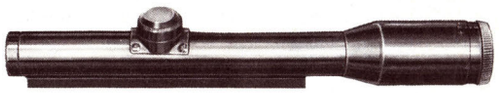
Kahles Helia 2/S 1 $2^1/_2 \times 20$



Frankonia $2^3/_4 \times 18$

Hensoldt Diasta $2^3/_4 \times 21$

Hensoldt Diatal $2^3/_4 \times 21$



Because of their wide field of view and low weight these models are particularly suitable for all small bore rifles, target shooting, closed seasons and for placing a fast shot.

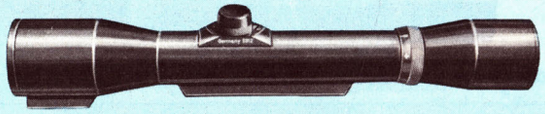
All scopes have coated optics. Prices include protective caps for objective and eyepiece.

	Order No.	Model	Magnification	Objective ⌀ mm	Luminosity	Twilight Performance	Field of View at 100 m	Length in mm	Weight in g	Price $
Dural	2780	Hensoldt-Diatal	$2^3/_4 \times$	21	58	7,6	15,0	263	290	**66.00**
Steel	2711	Frankonia-Steel	$2^1/_2 \times$	18	52	6,7	16,0	285	280	**29.00**
	2801	Kahles-Helia 2/S 1	$2^1/_2 \times$	20	64	7,1	20,0	240	270	**41.25**
	2705	Sornet-Steel	$2^1/_2 \times$	18	52	6,7	12,0	270	265	**19.50**
	2731	Frankonia-Steel	$2^3/_4 \times$	18	42	7,0	12,0	280	265	**24.00**
	2773	Hensoldt-Diasta	$2^3/_4 \times$	21	58	7,6	15,0	263	315	**63.75**

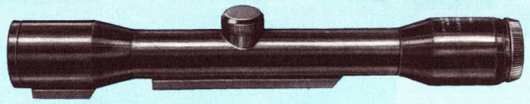
Rifle scopes with 4× magnification

4 x

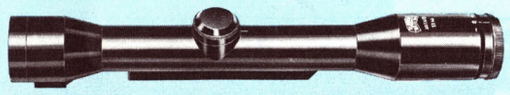
DOLOMIT 4×36



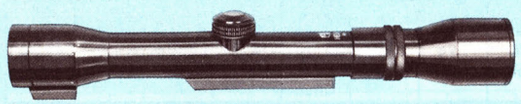
Frankonia Dural 4×36



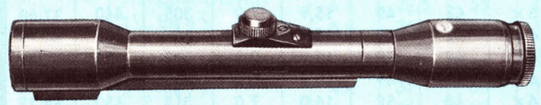
Hensoldt Diatal 4×32



Kahles Helia 4/M 1 4×31

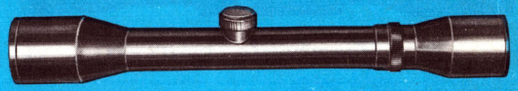


Nickel Supra-Dural 4×36

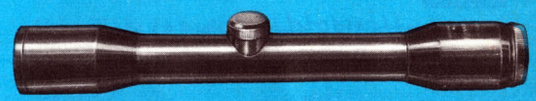


SORNET Steel 4×29

SORNET Steel 4×36

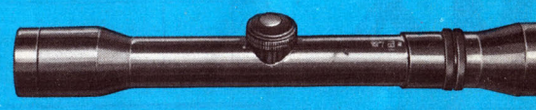


Frankonia Steel 4×36

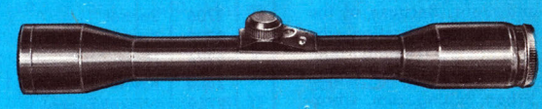


Hensoldt Diasta 4×32

Kahles Helia 4/S 1 4×31



Nickel Supra-Steel 4×36



	Order No.	Model	Magnification	Objective ⌀ mm	Luminosity	Twilight Performance	Field of View at 100 m	Length in mm	Weight in g	Price $
Dural	2707	Dolomit	4×	36	81	12,0	10,5	290	360	**34.90**
	2717	Frankonia-Dural	4×	36	81	12,0	10,0	280	300	**44.75**
	2782	Hensoldt-Diatal	4×	32	64	11,3	10,5	268	300	**68.25**
	2813	Kahles-Helia 4/M 1	4×	31	60	11,2	12,0	275	260	**52.50**
	2743	Nickel-Supra	4×	36	81	12,0	10,5	290	320	**60.75**
Steel	2704	Sornet	4×	36	81	12,0	10,0	275	390	**31.65**
	2729	Sornet	4×	29	52	10,8	10,0	260	285	**27.50**
	2714	Frankonia-Steel	4×	36	81	12,0	10,0	280	380	**39.75**
	2774	Hensoldt-Diasta	4×	32	64	11,3	10,5	268	360	**66.00**
	2802	Kahles-Helia 4/S 1	4×	31	60	11,2	12,0	275	310	**48.75**
	2745	Nickel-Supra	4×	36	81	12,0	10,5	290	380	**50.50**

Rifle scopes with 4× magnification fulfill most requirements even of twilight when stalking and still-hunting. The wide field of view is particularly advantageous when fast shot has to be placed. Through the large exit pupil the eye rapidly finds the target. We recommend the scope 4×30 for closed season rifles.

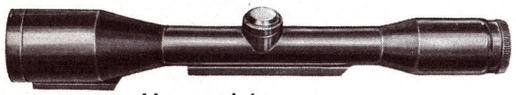
Therefore we recommend the 4× model to the hunter who desires only one scope.

DOLOMIT LM 6×42

SORNET Steel 6×42

Frankonia Dural 6×42

Frankonia Steel 6×42



Hensoldt Diatal 6×42

Hensoldt Diasta 6×42

Nickel Supra-Dural 6×42

Nickel Supra 6×43

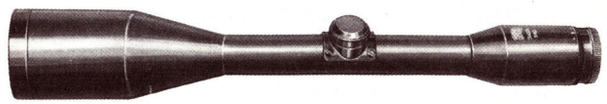
Kahles Helia 6/S 1 6×42

6x

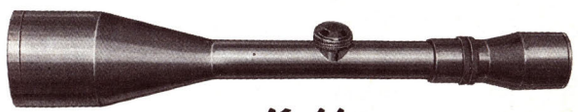
Rifle scopes with 6 × magnification

	Order No.	Model	Magnification	Objective ∅ mm	Luminosity	Twilight Performance	Field of View at 100 m	Length in mm	Weight in g	Price $
Dural	2708	Dolomit	6×	42	49	15,9	7,0	315	370	**39.90**
	2727	Frankonia Dural	6×	42	49	15,9	7,0	305	380	**49.75**
	2784	Hensoldt-Diatal	6×	42	49	15,9	7,0	312	370	**74.25**
	2747	Nickel-Supra	6×	43	52	16,0	7,0	315	410	**66.00**
Steel	2706	Sornet	6×	42	49	15,9	7,0	305	440	**37.40**
	2720	Frankonia-Steel	6×	42	49	15,9	7,0	305	450	**44.75**
	2776	Hensoldt-Diasta	6×	42	49	15,9	7,0	312	450	**72.00**
	2803	Kahles-Helia 6/S 1	6×	42	49	15,9	8,2	305	390	**54.00**
	2749	Nickel-Supra	6×	43	52	16,0	7,0	315	450	**59.25**
	2778	Hensoldt-Diasta	8×	52	42	20,4	5,4	365	530	**80.25**
	2804	Kahles-Helia 8/S 1	8×	56	49	21,2	6,5	350	550	**64.50**

6 power scopes are suitable for still-hunting at twilight and night. Because of the higher magnification the field of view is smaller than with the 4 power scope. When taking aim vibrations are much more noticeable. A firm support when shooting is therefore recommended. 8 power scopes have an outstanding twilight performance in that they have a high magnification and large objectives. They are suitable for night hunting and when shooting from a firm support.



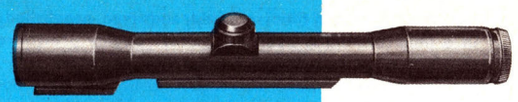
Hensoldt Diasta 8×52



Kahles 8/S 1 8×56

8x

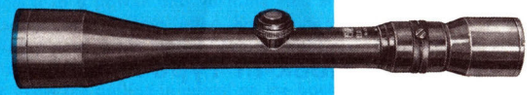
Rifle scopes with 8 × magnification



Hensoldt Diavari 1½—6×36

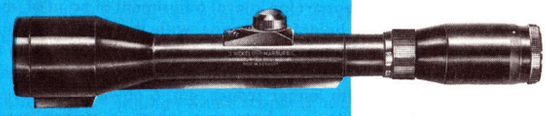
Kahles Helia 27 M 1, 2⅓—7×31

Kahles Helia 27 S 1, 2⅓—7×31

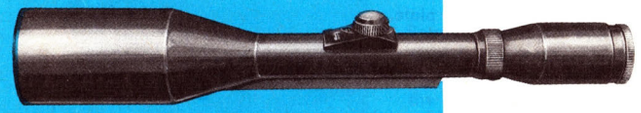


Kahles Helia 39 S 1, 3—9×42

Nickel Supra-Variabel 2½—6×36



Nickel Supra-Variabel 4—10×43



Nickel Supra-Variabel 2½—9×50

Vari-able

Rifle scopes with variable magnification

	Order No.	Model	Magnification	Objective ∅ mm	Luminosity	Twilight Performance	Field of View at 100 m	Length in mm	Weight in g	Price $
Dural	2788	Hensoldt-Diavari 1½ bis 6×	1½× 4× 6×	19 29,5 36	161 55 36	4,2 10,9 14,7	20,0 10,5 7,0	312	440	**105.00**
Dural	2815 2805	Kahles-Helia 27/M1 2½ bis 7× Steel-Model $ 74.25 (360 g)	2⅓× 4× 6× 7×	31 31 31 31	182 60 27 19,5	8,4 11,2 13,6 14,7	15 11,8 8,0 7,0	285	310	**81.75**
Steel	2806	Kahles Helia 39/S1 3 bis 9×	3× 4× 6× 9×	42 42 42 42	196 110 49 22	11,2 13,0 15,9 19,4	12 12 8,0 5,4	315	445	**78.75**
Dural	2751	Nickel-Supra-Variable 2½ bis 6×	2½× 4× 6×	28 36 36	125 81 36	8,4 12,0 14,7	13,0 10,0 7,0	298	450	**87.75**
Dural	2754	Nickel-Supra-Variable 4 bis 10×	4× 6× 8× 10×	40 43 43 43	100 52 29 18,5	12,6 16,1 18,5 20,7	10,0 7,5 5,8 4,0	320	490	**95.25**
Dural	2757	Nickel-Supra-Variable Favorit 2½ bis 9×	2½× 4× 6× 9×	30 34 45 50	144 72 56 31,5	8,6 11,6 16,4 21,2	13,5 12,0 8,0 5,5	380	610	**115.50**

New! Hensoldt-Diatal-D 2×16/4×32 combined . . . . . $ **82.50**
Diavari-D with changeable reticles 2/1, 3/5 or 6/4 . . . . . **144.75**

Variable rifle scopes offer the advantages of a low magnification with a wide field of view for an offhand shot on running game and greater magnification with high twilight performance when shooting with the rifle at standing game. In accordance with shot range, weather and light conditions while aiming you can easily and without any noise set the exact magnification and then place a safe shot. When changing magnification, of course, sharp focusing of scope and rifle's point of impact remain unchanged. Practically speaking, one variable rifle scope is 2 to 3 scopes with constant magnification. The mechanism to change the magnification is rugged and carefully worked so that the life of a scope with variable magnification is a long as that of a scope with constant magnification. Because of these considerable advantages more and more hunters decide to purchase a variable scope.

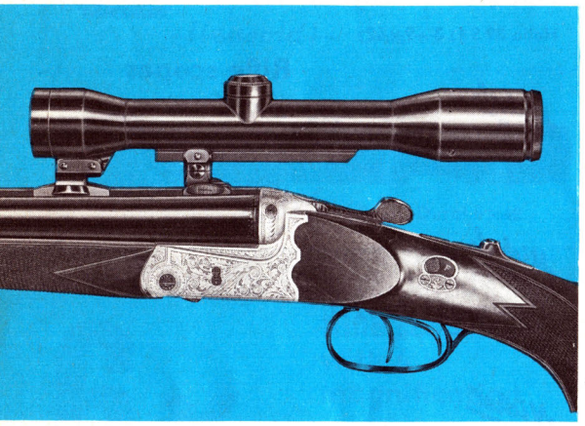
Rifle Scope Mounting

We mount annually more than 1000 rifle scopes

The best hunting rifle and scope are useless if mounting of the scope is not carried out with greatest accuracy. Even the slightest slackness or tensions the layman does not even realize exist, be it only one hundredth of a millimeter, considerably change the point of impact at a distance of 100 m.

The German scope mountings, particularly the most-used Suhl hook-in type mounting, present a difficult technical problem. The rifle must be sawed, filed, soldered, engraved, repolished, reblued in a time-consuming operation. Only roughly preworked parts, of which we stock more than a hundred variations, can be used. It takes longer to make a precise Suhl hock-in type mount than to manufacture a repeating rifle. Our experienced scope engineers and gunsmiths who have specialized in this delicate work mount annually more than 1000 scopes with utmost accuracy. Without exaggerating we can say that the mountings carried out by our firm range among the best that can be executed at all. It is true, they are expensive — but then it is not recommendable to economize on this type of work. Caution with cheap mountings!

The mounting of one scope on two rifles in individual cases, of course, is possible but it is so complicated and time consumins that we do not recommend it. Moreover, it can not be guaranteed that when changing the scope from one rifle to the other the point of impact will remain the same.



The Suhl Hook-In Type Mount

permits noiseless quick mounting and demounting of the scope. It is mounted low enough for easy and rapid aiming. Both mounting bases are provided with tunnels. This facilitates (serves) to a less degree the shooting over iron sights and mounted scope, however it does bring about a saving of weight; for when aiming with iron sights with the scope mounted, the point of impact can have changed considerably. The rear mounting base has a dual screw support for lateral adjustment of point of impact. Adjustments as to height are made with the reticle adjustment screw at scope. When mounting 4× scopes on repeating rifles the front base plate is inserted into a support which is fitted on to the receiver. With longer scopes, e.g. 6 power, it is necessary to fix the base plate in a base ring which is pushed over the barrel. The scope's mounting base is then fitted and inserted into the individual base plate.

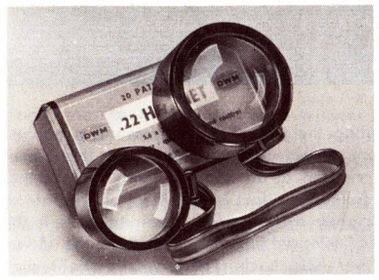
Price for Suhl hook-in type mountings with standard fixing and a 4× or 6× light-metal scope with mounting rail delivered by us. For over/under shotguns, drillings, BRNO or Mauser repeating rifles, varmint rifles caliber .22 Hornet or .222 Remington (without special base ring), standard price, incl. sighting-in at 86 (100 m) without shot group		$ 38.75
Extra charge for steel tube scopes which must be dismantled for mounting		4.50
Fine cross-line engraving on mounted base plates to prevent reflection and dazzling of eyes when aiming over iron sights (with combinations arms strongly recommended) extra charge		3.00
Special base ring when front mounting base must be mounted on barrel to obtain accurate eye distance, extra charge		3.00
Antinit and Super blitz steel barrels especially difficult to blue, extra charge		3.00
Shot group with three shots, extra charge When rifle or scope is supplied by us, there is no extra charge for shot group.		3.75
Testing of point of impact over iron sights prior to mounting, extra charge		1.90
Short rifle scopes can also be mounted by a special hook-in type mount on small bore rifles, in which case both base plates are screwed on rifle's dovetailed rail. In this case the standard price is reduced by $ 5.00 to		33.75
When ordering a new combination rifle make Krieghoff or Heym, mounting of rifle scope can be carried out in the factory. Costs, incl. sighting-in are:		
For Krieghoff rifles (according to price sheet 16, 1962)	for light-metal scopes	40.00
	for steel scopes	45.00
	extra charge for subsequent mounting	6.25
For Heym rifles (according to price sheet March 1962)	for light-metal scopes	45.00
	for steel scopes	48.75

Mounting depends on type of rifle, scope and aiming habits. When we know your wishes, we will be happy to work out a special offer for you.

Please be sure to see paragraph "Repair work" on page 2 prior to sending a rifle to us from abroad.

Scope mount for BRNO repeating rifle ZG 47 on page 90 in gun section.
Scope mount for BRNO Over/Under rifle-shotgun on page 67 in gun section.
Scope mount for small bore rifles on pages 98, 99 and 100 in the section for small bore rifle.

Rifle scope caps with Transparent discs



are made from durable plastic material (Lupolen) with transparent discs from Astralon permitting emergency shooting with caps in position. Both caps are connected by a profile rubber strap; the caps can be easily fitted and removed without twisting. They fit snugly and are more flexible than leather. They contain no tannic acid which is conducive to the formation of rusting on steel scopes when leather caps are used over a longer period of time. For years now scope caps with transparent discs have proven themselves in thousands of cases here and abroad. Available in sizes 26 to 30 mm, 35 to 41 mm, 44 to 50 and 57 mm, i.e. for most 4 to 8 power and variable rifle scopes. Steel and light-metal scopes with same optical data often have different dimensions. Therefore, when ordering please quote model (steel or light-metal), make and outside diameter of lens and eyepiece. If you cannot measure the lens and eyepiece exactly please draw the outline in pencil on the back of your letter, by first putting the scope with the objective lens and then with the eyepiece on the paper. Price per pair . . . . . $ 1.50

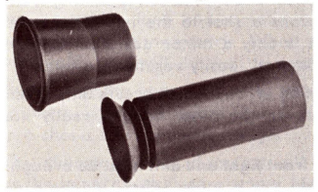
A Frankonia Hit

Mr. K.J. writes:
"Last year I shot my first boar with an over & under rifle-shotgun bought from your company. It was bad weather and already late at night when I climbed down from stand to drive home. Then everything happened very fast. It was only afterwards that I realized that I still had the scope caps on my scope. Without those transparent discs I probably wouldn't have been able to place such a clean shot. That is the reason why I am now ordering the caps with transparent discs for my second scope."

Many other hunters have written us similar experiences.

Scope caps of synthetic rubber Lupolen without transparent discs for small scopes, sizes 19, 22, 24 mm — per pair $ 0.90
With our new scopes we supply free of charge caps with or without transparent discs.

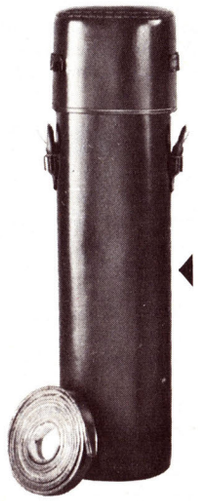
Diana Rubber Cheekpiece
permits easier aiming when scope is mounted-high $ 1.65



Scope rubber eye guards eliminate „side vision" and prevent the "black eyes" when shooting.

Black rubber eye guard, conical, ⌀ 38 mm make Hensoldt, (order No. 2735) . . . . . $ 0.40

Black rubber eye guard, cylindrical, ⌀ 36 to 38 mm, with elastic eye piece, especially popular design, (order No. 2738) $ 0.90



Rifle scope case

made from high-quality brown cowhide — hard-tumbled, with adjustable core leather shoulder strap.

3901	for scopes up to 3× . .	$ 5.90
3902	for 4× scopes	6.40
3903	for 6× scopes	7.40
3904	for 8× scopes	9.00

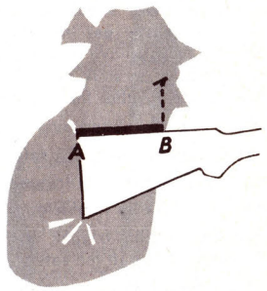
Simpler model from good, stiff, tumbled cowhide

3906	for 4× scopes	$ 3.65
3907	for 6× scopes	4.10

Important:

We want to mount your scope so that when taking aim you immediately have the entire field of view before you. To achieve this, it is necessary for us to know the eye distance A to B. Please take aim at varying speeds. A friend of yours then should always mark exactly with a piece of chalk on the stock the position of the eye you are aiming with. You will then have several marks on the stock in that when aiming as slowly your head is less advanced. Measure the horizontal distance (A to B on drawing) from heel to a middle chalk mark and send us this distance when ordering the mounting. As mounting must be carried out in accordance with type of rifle, scope and aiming habit, please give us corresponding data. As to details on the individual types of mounting see pages 30, 67, 90, 98—100.

Please see and fill in our Measurement Tables on back page of Order Blank when ordering clothing or custom stocks or scope mounting.



Note for our customers abroad:

The time you have to wait for your mounting
is approx. 3—4 weeks depending on unfilled orders. The waiting period depends on the season and can be somewhat longer shortly before the dear season opens; you will certainly agree that good work requires time. January and February are the most favorable months for mounting scopes. Should you want us to **mount a scope on your own rifle,** please **write us first** to inquire if the particular work can be done at all and as to what custom-formalities you should take care of. (See paragraph "Repair Work" on page 2!)

Rifle Shot and Hunting Practice

Here we present the remarks of an expert who day in, day out supervises sighting-in in our firm and who is in addition an enthusiastic hunter himself.

Master gunsmith Schachinger speaks from experience, and we trust that this article will give you some valuable information as to the correct and safe handling of firearms and on the proper shooting methods we should employ when hunting our valuable game.

I want to start from the very beginning. You are going hunting, you take your rifle and scope from the rack. But before you pack, make sure that both are in order, especially the barrel, action and scope mounting.

The bore must be free from oil otherwise there can be deviations in point of impact. Resinified oil or other small particles in the scope mounting, action or on the underlugs of breech type weapons can cause changes in point of impact.

Never transport your rifle with mounted scope. It can happen only too easily that through a shock or throwing other luggage upon it the scope becomes disaligned causing you unnecessary trouble and costs.

And here is something else which is very important:

Never transport your rifle loaded!

Unpack your rifle in the area where you want to hunt and mount the scope. If you have a hook-in type mounting, make sure tha hooks are firmly hooked in. With a rail type slide-in mounting clamping screws must always be tightened uniformly and in the same order, rear screw first otherwise you may shoot inaccurately.

And now you load your rifle. — Stop! — Make it your practice to look through the barrel before you insert a cartridge. A small particle, even a drop of water can lead to bellying or rupturing of the barrel.

A small cleaning kit in your rucksack helps you, saves you trouble and possibly high costs. The collapsable Schukra cleaning rod (page 118) is particularly suitable.

If your rifle has fallen, don't just ignore it. Fire a test shot so you will know that the point of impact has not changed.

NOW LET US TURN TO HUNTING PRACTICE. When stalking in damp forests, in rain and snow or walking through thickets a muzzle cover should be put on your rifle. A foreign body can very easily get into the barrel and then you will have trouble. If you have no muzzle cover along put your hat over the muzzle, or stalk with the rifle shouldered muzzle down. But be careful that the muzzle is not dirtied by your boots.

Never put your hand over the muzzle.

When stalking, keep the safety on until ready to shoot.

Do not set your hair trigger until you actually want to shoot.

Never stalk with hair trigger set,

release the hair trigger if you don't take a shot, but do not forget to switch in the safety prior to this.

Never forget that when shooting the shot barrel of a combination firearm the cartridge barrel fires if the trigger for the rifle barrel is double set.

You can easily set the hair trigger adjustment yourself by means of the small screw under the trigger. Turning it clockwise makes the trigger react to the slightest touch, turning it counter-clockwise makes the pull harder. Do not set the hair trigger too finely as otherwise even the slightest vibration or touch may release a shot.

Be careful when pulling the trigger, that pressure is applied frontally and not from the side. This is the reason that sometimes the shot isn't released at all and the hunter thinks that the hair trigger has failed. The fact is that through the lateral pressure, the hair trigger catch — the gunsmith calls it the "birdie" — was indeed released but at the same time the impact on the trigger rod was held back. There was a slight click and the roebuck probably disappeared.When shooting with the rifle rested on a support, always put something soft under it, such as a hat, rucksack, glove, etc., never shoot from hard support. This rule also applies when shooting with the rifle rested laterally for support. Thus do not press stock directly to trunk of tree but place your hand or thumb between rifle and tree. And here is something else I see time and again in practice: the rifle is rested on a support too close to the muzzle. The unavoidable consequence is a heavy high shot, for through the barrel vibrations the muzzle actually jumps high from the hard support. Thus: support your gun right in front of the trigger guard and rest it on something soft. This eliminates a serious mistake from the very beginning.

Now I come to the sighting errors which practically only occur when aiming with iron sights. Terms such as full sight, fine sight, tilted and twisted certainly are known to all hunters. But many are not aware of the fact that through differing light conditions there can be sighting errors. If, for example, the sun is shining on top of the front sight, it takes on a sort of a "halo" and appears larger. Automatically the shooter locates the front sight somewhat lower in the notch of his rear sight, i.e. he takes fine sight, and the result is a low shot. If the sun is shining from the right, for the same reasons a shot to the left will be the consequence. Perhaps there is only a minor deviation but the accumulation of such "Minimums" easily results in a miss.

And here still another "sighting error" which occurs only when using open sights, but which on the other hand is really not an error at all:

As we know, eye, rear sight, front sight and aim must be brought into one line. Understandably this is quite difficult as the rear sight is only a few centimeters before the eye, whereas the aim is many meters away. It consequently may happen that our expert accurately sighted-in your rifle at a distance of 100 m but that you although aiming properly and making no sighting errors place a shot too high or low simply because the visual faculty of the two shooters is different. We therefore recommend that all shooters who want to shoot with open sights fire as a

Taken with a clean shot: a good harvest buck.

precaution some test shots to determine the point of impact, and in case of great deviations, adjust the setting of the iron sights or have them adjusted.

And now a few words on sighting through the tunnel of the scope mount:

Today most mountings are made without tunnels in order that the scope be in the lowest possible position. This allows faster location of target and fewer deviations of impact in short range shooting.
Now why do some hunters want a tunnel in spite of this fact? They think that when shooting at running game, they cannot locate it quickly enough, and they want to aim through the tunnel with the open sights. I am of the opinion that this is mere theory, for the view through the tunnel and consequently the entire field of view is so small that a faster location of the game than through the scope is not possible.

For hunters having a high scope mounting with tunnel I want to mention still another, probably unfamiliar fact.

A rifle is sighted-in twice, with open sights and scope. Let us assume that in both cases the rifle shoots into the black at a distance of 100 m; but then it can happen that when aiming with open sights and mounted scope there is a change in point of impact. The reason for this is the vibration of the barrel, which with the mounted scope differs greatly from that of a freely vibrating barrel. The bullet's muzzle angle and consequently the point of impact is different. Whoever owns a combination rifle, will now and then fire the shot barrels with the scope mounted.

Check your shot pattern at a distance of 35 m, so that when shooting at game you will know whether to aim higher or lower. The same applies to the rifle shot.

When shooting with mounted scope at short range, the shot can easily be placed too low because the rifle barrel lies 6 to 8 cm lower than the axis of the scope. Misplaced shots are the result, making long and sometimes unsuccessful searching for wounded game necessary. When going hunting in the high mountains you will do well to remember some ballistic data.

Because of the low air density at high altitudes the bullet encounters lower resistance than in flat country, this will result in a shot a few centimetres high.

This change of point of impact will not have a too great effect, as the impact with flat-trajectory high-speed cartridges still lies within the range of normal dispersion. Things are entirely different though when the shot has to be placed in a steep angle of 30° or more either uphill or downhill. Then there are such great deviations in point of impact that you had better take along a table giving you the relevent ballastic data. From the table below you can see how great the deviation is in point of impact even with such high-speed cartridges as the 6,5 × 57, and, what many hunters do not know, in shooting both uphill and downhill even at sighting-in distance there is a high shot.

Therefore for shooting in high mountains the following rule of thumb is roughly applicable: No matter whether you shoot uphill or downhill always aim low. But note that this applies only to a rifle shot on standing game.

Angle of firing	Distance of target				
	100 m	150 m	200 m	250 m	300 m
0°	+ 4	+ 3½	+ 0	— 8	— 20½
15°	+ 4	+ 4	+ 1	— 7	— 18
30°	+ 5	+ 6	+ 4	— 3	— 13
45°	+ 8	+11	+11	+ 6	— 1
60°	+13	+21	+25	+27	+ 25
75°	+30	+53	+71	+91	+108

Now let's turn back to the rifle shot in general:

A clean shot requires accurate aiming and steady nerves. When the reticle post in your scope jumps up and down, then put down the rifle, breathe deeply and start all over again. Many an "old" hunter feels a rapid throbbing of his heart before pulling the trigger. This is not a bad sign at all for as long as one's heart throbs faster when seeing game one knows that one is a hunter body and soul.

The following cartridges
are recommended for the hunter who hunts mainly:

Only deer:

5,6 x 52 R,
.222 Remington

Deer and chamois

.243 Winchester
5,6 x 61 (R) vom Hofe
6,5 x 57 (R)
6,5 x 68
7 x 57 (R)
7 x 64
7 x 65 (R)

Deer, chamois and occassionally biggame

7 x 57 (R)
7,62 x 63 (.30/06)
7 x 64
7 x 65 R
8 x 57 I (R) S

Big-Game

7 x 57 (R)
7 x 64
7 x 65 (R)
7 mm vom Hofe
7,62 x 63 (.30/06)
8 x 57 I (R) S
8 x 64 S

8 x 65 RS
8 x 68 S

9,3 x 62
9,3 x 74 R

Statutory Regulations regarding Hunting Ammunition

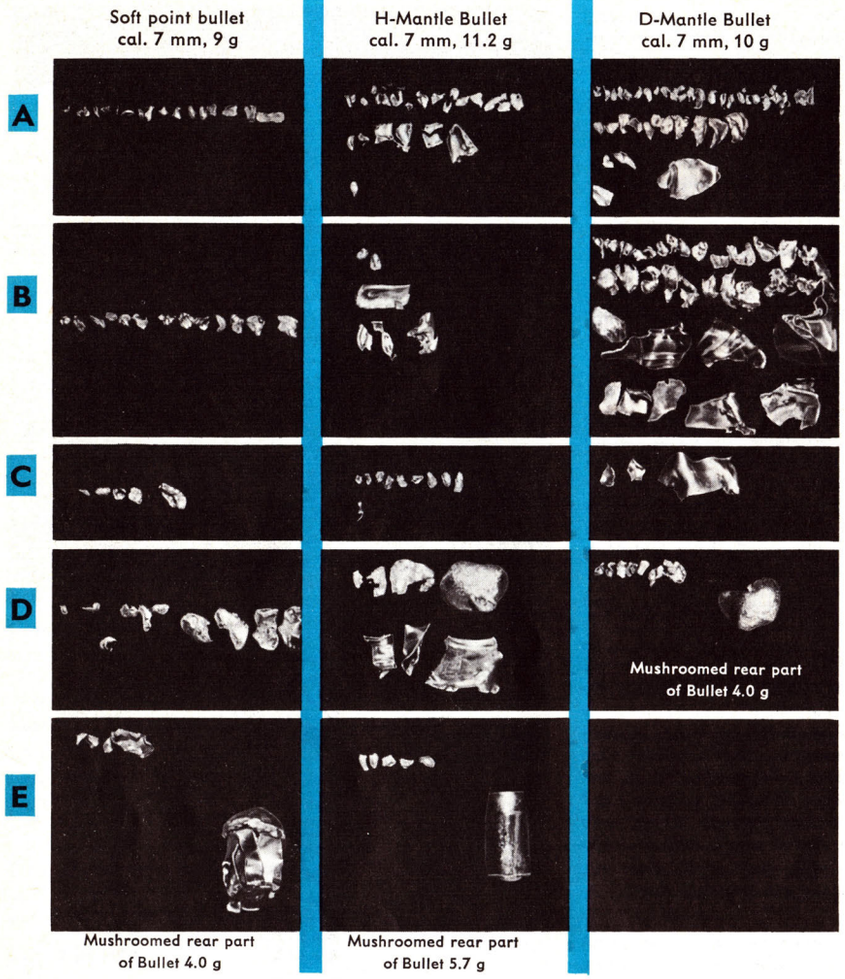
The amendment to the Federal Hunting Law became effective on March 30, 1961. Thus the article, regarding the length of the cartridge case used in shooting deer and boar, was replaced by the following provision:

It is forbidden

a) to shoot roe deer and seals with cartridges whose force of impact at 100 m (E 100) is less than 100 m/kg. The corresponding value for chamois game is 200 m/kg;
b) to shoot all other deer with cartridges having a smaller caliber than 6.5 mm. With caliber 6.5 mm the cartridges must either develop a bullet velocity (V 100) of at least 850 m/sec at a distance of 100 m or have a bullet weight of at least 10 g.

On the basis of the amendment to the Bavarian Hunting Law of May 22, 1962: — in Bavaria cartridges over 6.5 mm, i.e. 7 mm and 8 mm cartridges, when used for shooting big game must have a minimum bullet weight of 8 g and an E 100 of at least 200 m/kg.

As regards chamois game in Bavaria the provisions of the Federal Hunting Law are valid. Thus in Bavaria the regulation mentioned above under a) is now also applicable.



Bullet and Effect

In these illustrations, three types of bullets are compared to demonstrate their individual killing power. The test is made using a penetration test box corresponding to a shot at a distance of 100 m on live game into pure flesh without hitting bone.

Group A (left to right) shows splinters remaining in the body of the game when the shot is placed on roe-deer standing broadside.

Groups A and B both depict the splinters which disperse in the deer's body.

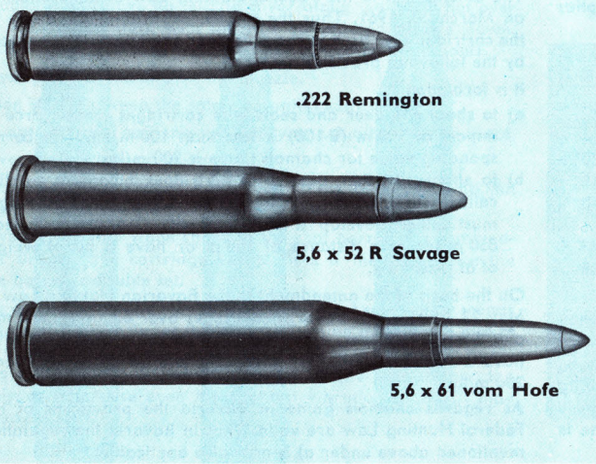
Groups C D E illustrate splinters which pass through the body of game when the shots are placed broadside without hitting bone.

Group C together with A shows splinters which disperse in body of roe-deer, if shot is placed at an angle.

Groups C D together with A and B show the splinters when shot is placed on deer at an angle.

Group E illustrates the splinters which always pass through the body of the game, together with the rear part of the bullet which forms the exit-hole.

Rifle cartridges carried in Germany:



.222 Remington

A cartridge between the Hornet 5.6 × 35 R and the Savage 5.6 × 52 R. Ideal closed-season cartridge for varmints. In the hand of a skilled shooter it will also make a clean kill on roe-deer. (The German Caliber data would be 5.7 × 43.)

5.6 × 52 R Savage

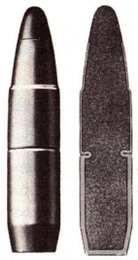
(.22 HP Savage), a proved cartridge, excellent for small game hunting. Is ideal for the hunter who wants a light rifle without recoil for shooting roebuck exclusively and varmint shooting.

5.6 × 61 vom Hofe

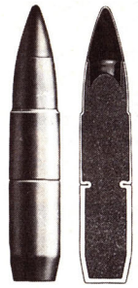
The 5.6 × 61 vom Hofe Super Express, rimmed and rimless, is heavier and suitable for long-range shooting. It has a flat trajectory and high killing power on roe-deer and chamois.

Six Different 7 mm Bullets

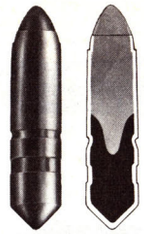
The standard soft point bullet (illustration shows jacket, pointed, caliber 7 mm, 6.7 g, 20 mm long). The 9 g soft point bullet is more widely used, has a mushrooming effect and disintegrates into a great number of effective splinters. Often there is no exit-hole with blood trail. Expansion and killing power, of course, depend on velocity on impact and body resistance.



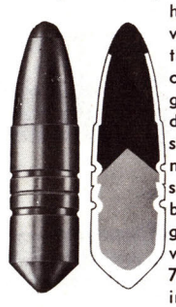
The H-mantle bullet with lead tip (caliber 7 mm, 11.2 g, 33.5 mm long) is designed for restricted expansion and to pass through body of game. The lead core of the H-mantle bullet is separated into 2 parts by constricting the jacket. When entering the game, the front part mushrooms and disintegrates into effective splinters. The solid rear part penetrates the body of the game and nearly always gives an exit hole with sufficient blood trail. The sharp edge of the bullet punches a caliber-sized hole through the skin, and hair cut from the entrance-hole is found at the place where the game was shot. Also with smaller game, meat destruction is low, as only part of the bullet's energy is converted into bullet splinters.



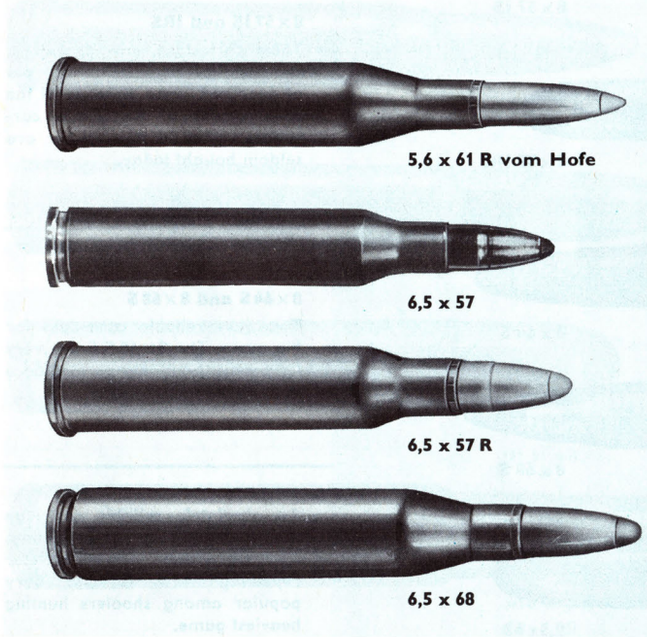
The H-mantle copper hollow-point bullet (caliber 7 mm, 11.2 g, 38 mm long) incorporates the same properties as the above. The danger of deflection by brush and twigs is greater, however, because of lower air resistance the velocity of the bullet and thus the force of impact at longer distances is higher. Consequently the H-mantle bullet with copper hollow-point is recommended for shooting in open plains, and the H-mantle bullet with lead core when hunting in brush terrain.



The Brenneke Torpedo Ideal bullet (caliber 7 mm, 10.5 g, 31 mm long) and **the Brenneke Torpedo Universal bullet** (only caliber 9.3, 19 g, 37 mm long) are both, like the H-mantle bullet, constructed for limited expansion. The front part of the bullet is made of soft material, mushrooms when entering body of game and disintegrates into a great number of splinters. The part which is made of hard material penetrates body of game and produces an exit hole. The bullet jacket tapers off towards the front, and thus supports expansion of front part. The bullet head with curved lead tip and sharp edged shoulder produces an open entrance hole, hair and blood. The front part wedges into the rear part, mushrooms and thus considerably increases the bullet's overall effect. Because of its advantageous center of gravity and its long design the Brenneke bullet insures outstanding accuracy and performance in almost all rifles. The Torpedo Ideal bullet is suitable for all European types of deer and boar but requires a certain resistance in the game. A somewhat heavier type with a weight of 11.5 g, is also produced, in caliber 7 mm. The Torpedo Universal, is available in caliber 9.3 mm only and is designed for heaviest game.



The D-mantle bullet (caliber 7 mm, 10.0 g, 28.6 mm long) has the greatest expansion. It is designed for almost 100% expansion and increased splinter production and, like a shotshell paralyses the nervous system immediately as a result of the thinwalled copper jacket and the open hollow point. Even with lowest resistance instantaneous expansion is assured in body of game. Note: Be careful when using the cartridge in thickets or grain-fields, as bullet expands at slightest resistance, e.g., when touching a stalk, etc.



5.6 × 61 vom Hofe

(see rimless cartride on p. 34). — Because of the high gas pressure this high-velocity cartridge develops, barrels must be made from Antinit steel. Otherwise a combination firearm of this caliber would be too heavy.

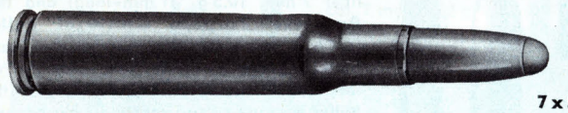
6.5 × 57 and 6.5 × 57 R

The 6.5 × 57 cartridge, rimless and rimmed, was at first intended to serve as a special cartridge for chamois hunting and has such turned out to be a great success. But it can also be used on roe-deer, and at medium ranges also on red stags and boars. Now also available with H-mantle bullet with 190 m/kg at E 200.

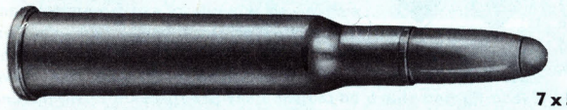
6.5 × 68

RWS's fastest cartridge. Has higher performance than the 6.5 × 57. With new H-mantle bullet and 233 m/kg at E 200 a proven cartridge for mountain hunting.

See also next page!



7 x 57

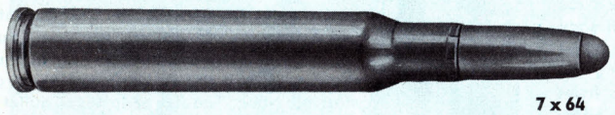


7 x 57 R

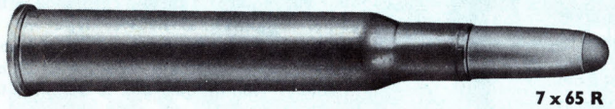
7 × 57 and 7 × 57 R

For years now, calibers 7 × 57 and 7 × 57 R have been the most popular in Germany. Standard cartridges are produced with so many different powder charges that they can be employed for all types of German deer and boar.

Reliable for roe-deer and, when using the Brenneke-Torpedo or H-mantle bullets, good killing power on big game. This cartridge is especially suitable for breech type rifles.



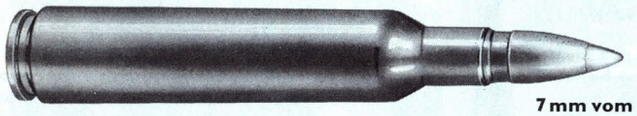
7 x 64



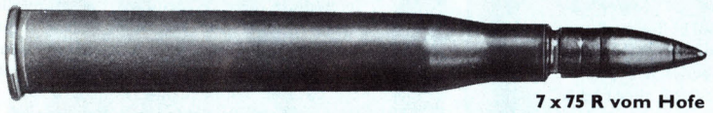
7 x 65 R

7 × 64 and 7 × 65 R

These cartridges have higher performance than the 7 × 57. They are not too brutal on roe-deer and are very reliable when employed on big game. The 7 × 64 is the most popular cartridge for repeating rifles.



7 mm vom Hofe Super Expr.

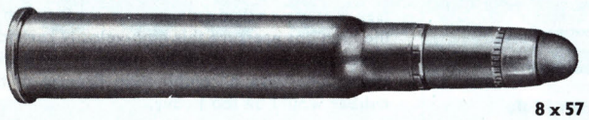


7 x 75 R vom Hofe Super Expr.

7 mm vom Hofe Super Express and 7 × 75 R vom Hofe Super Express

An examination of ballistic data as to velocity and energy with a barrel length of 65 cm showed a 10% to 20% deviation from the catalogue values. This is probably due to the use of longer rifle barrels in the velocity test. Recommended especially for big game.

8 x 57 IS

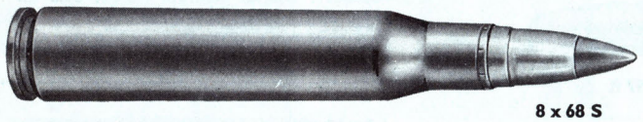


8 x 57 IRS

8 × 57 IS and IRS

These cartridges, now as before, the war, are reliable for all types of deer and boar. Because of the development of the 7 mm cartridges, rifles in this caliber are seldom bought today.

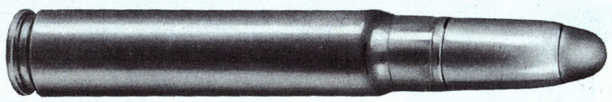
8 x 64 S



8 x 68 S

8 × 64 S and 8 × 68 S

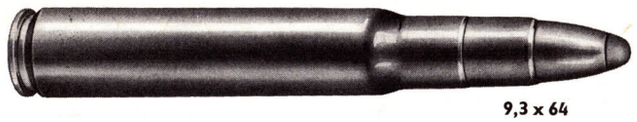
Two very reliable cartridges for big game. The 8 × 68 S has a very flat trajectory, higher performance and higher gas pressure.



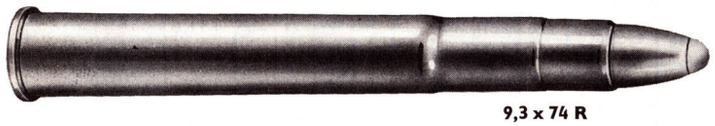
9,3x 62

9.3 × 62

An absolutely reliable cartridge for European big game hunting. This time-tested cartridge for repeating rifles is also very popular among shooters hunting heaviest game.



9,3 x 64



9,3 x 74 R

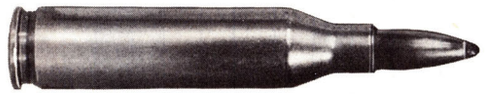
9,3 × 64

Of all German cartridges the 9,3 × 64 Brenneke has the greatest bullet-energy. In performance, it exceeds that of the .375 Holland & Holland and .458 Winchester cartridges and has the impact force of the ideal big game cartridge .416 Rigby.

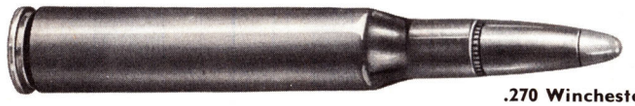
9,3 × 74 R

The heaviest German made rimmed cartridge for breech type rifles, especially preferred for over under rifles with interchangeable barrels for hunting largest European and African game.

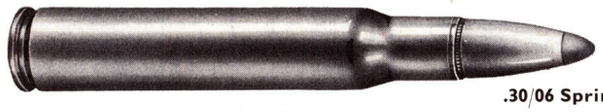
Foreign Hunting Rifle Cartridges



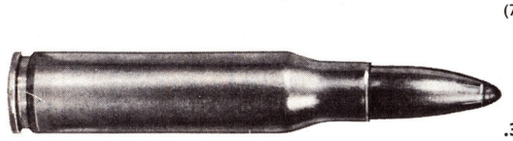
.243 Winchester
(6,2 × 52)



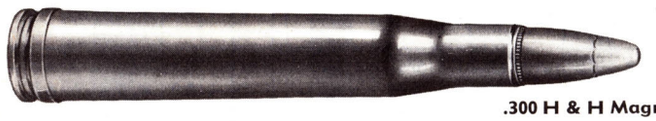
.270 Winchester
(6,9 × 64)



.30/06 Springfield
(7,6 × 63)

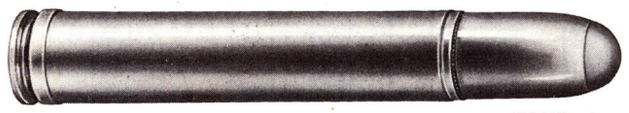


.308 Winchester
(7,6 × 51)

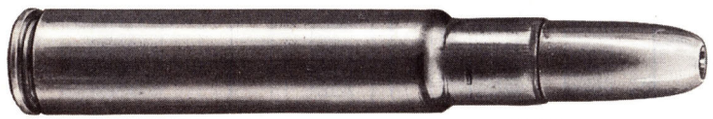


.300 H & H Magnum
(7,6 × 72)

.375 H & H Magnum
(9,5 × 72)



.458 Winchester
(11,5 × 63)



.416 Rigby
(10,6 × 73)

.243 Winchester

A cartridge with great prospects. (German designation 6,2 × 52). Its performance is much better than that of the 5,6 × 52 R, and double that of the .222 Remington. It is on the same level with the calibers 5,6 × 61 vom Hofe and 6,5 × 57.

.270 Winchester

A cartridge whose caliber and case length we refer to as 6,9 × 64. Its performance ranges between the 6,5 × 57 and 7 × 64 cartridges.

.30/06 Springfield

A very popular cartridge abroad. Its performance corresponds to the German 7 × 64.

.308 Winchester

This is the NATO cartridge, successor to the .30/06 Springfield. An accurate cartridge which can be supplied in a great variety of powder charges for roe-deer and big game.

.300 Holland & Holland Magnum
.375 Holland & Holland Magnum (R)

For years now the .300 H & H Magnum, rimless, and the .375 H & H Magnum, rimmed and rimless, have been the preferred cartridges for biggest game.

.458 Winchester

A new American big-game cartridge whose velocity is less than that of its British counterparts .300 and .375 Holland & Holland but as fully mantled bullet develops slightly greater bullet energy.

.416 Rigby

A British made special cartridge, which with the 26 g bullet has excellent ballistic data; it is preferred for hunting African big game. We manufacture repeating rifles with a special action for these cartridges.

■ Weatherby cartridges are found under Weatherby repeating rifles on page 93.

Approved for:	Make	Cartridge	Powder charge in g Type of powder	Type of bullet	Bullet		Velocity in m/sec				Bullet energy in mkg				Point of impact in cm to line of sight with open sights if line of sight starts 2 cm above line of bore			
					Length in mm	Weight in g	V_0	V_{100}	V_{200}	V_{300}	E_0	E_{100}	E_{200}	E_{300}	50 m	100 m	150 m	200 m
Target shooting, closed season	DWM	**5,6 × 35 R (.22) Hornet**	0,6 Sp. P.	Soft point Round nose Full-Jacketed case	14	3,0	725	507	373	—	78	39	21	—	+ 2,4 +11,4	O +18,0	—10,9 +16,2	—36,0 O
Target shooting, closed season	RWS	**5,6 × 35 R (.22) Hornet**	0,65 Sp. P.	Copper soft point S Full copper case S	13 14,5	3,0	740	519	402	316	84	41	25	16	+ 1,4 + 9,9	O +17,2	—12,5 +13,1	—34,3 O
Roe-deer	DWM	**.222 REM**	1,6 Sp. P.	Soft point with Spitzer Full case with Spitzer (Tombak jacket)	16	3,24	974	812	673	550	157	109	75	50	+ 0,3 + 3,5	O + 6,6	— 4,5 + 5,5	—13,2 O
Roe-deer	DWM	**5,6 × 52 R Savage**	1,7 Sp. P.	Soft point with Spitzer Full case with Spitzer	21	4,6	869	743	700	661	176	129	115	102	+ 0,9 + 4,8	O + 7,8	— 5,5 + 6,2	—15,7 O
Roe-deer	RWS	**5,6 × 52 R Savage**	1,75 Sp. P.	D-Mantle	21	4,65	881	730	606	505	184	126	87	60	+ 0,8 + 4,9	O + 8,4	— 5,7 + 6,9	—16,8 O
Roe-deer, chamois	DWM	**5,6 × 61 vom Hofe**	3,5 Sp. P.	Soft point with Spitzer	26	5,0	1130	1016	916	830	325	263	214	176	+ 0,2 + 1,8	O + 3,5	— 2,4 + 3,0	— 6,9 O
Roe-deer, chamois	DWM	**5,6 × 61 R vom Hofe**	3,2 Sp. P.	Soft point with Spitzer	26	5,0	1060	948	848	760	286	229	183	147	+ 0,2 + 2,3	O + 4,4	— 2,7 + 3,8	— 8,8 O
Roe-deer	Svenska	**.243 Winchester**	2,4 NC 1055	Soft point with Spitzer	22,5	5,5 85 grs.	935	823	725	655	245	190	147	120	+ 0,8 + 4,2	O + 6,9	— 5,1 + 5,9	—13,2 O
Roe-deer, chamois	Svenska	**.243 Winchester**	2,6 NC 1055	Soft point with Spitzer	25,2	6,5 100 grs.	935	846	750	685	290	237	186	155	+ 0,2 + 2,9	O + 5,8	— 3,2 + 4,5	— 9,7 O
Deer and boar	RWS	**6,5 × 54 M.Sch.**	2,65 R 2	H-Mantle with open hollow point	34	10,3	711	632	561	497	265	210	165	129	+ 1,7 + 7,4	O +11,4	— 8,0 + 9,2	—22,9 O
Deer and boar	RWS DWM	**6,5 × 57 6,5 × 57 R**	2,85 Sp. P. 2,75	Soft point with Spitzer Full case with Spitzer	22	6,0	1010	879	768	674	312	236	180	139	+ 0,1 + 2,8	O + 5,4	— 3,5 + 4,5	—10,8 O
Roe-deer, chamois	RWS	**6,5 × 57 6,5 × 57 R**	2,9 T 39 2,7	D-Mantle	21,5	6,2	1002	844	713	603	317	225	161	115	+ 0,3 + 3,1	O + 5,8	— 4,0 + 4,8	—11,7 O
Deer and boar	RWS	**6,5 × 57 6,5 × 57 R**	3,08 Sp. P. 3,0	H-Mantle with open hollow point	33	10	815	705	611	537	338	253	190	147	+ 0,5 + 4,9	O + 8,6	— 6,2 + 6,8	—17,3 O
Deer and boar	DWM	**6,5 × 57 6,5 × 57 R**	3,0 R 1	Soft point Round nose Full-Jacketed case	32	10,15	746	644	563	498	288	214	163	128	+ 1,2 + 6,6	O +10,9	— 7,3 + 9,1	—21,9 O
Deer and boar	RWS	**6,5 × 68**	4,55 Sp. P.	Soft point with Spitzer	22	6,0	1200	1033	897	784	440	326	245	188	— 0,1 + 1,6	O + 3,3	— 2,1 + 2,9	— 6,7 O
Deer and boar	RWS	**6,5 × 68**	4,2 Sp. P.	H-Mantle, open hollow point covered with plastic	28	8,5	1000	861	733	624	433	321	233	169	+ 0,4 + 2,8	O + 4,9	— 3,1 + 4,1	—9,7 O

with O shot in the black through rifle scope if line of sight starts 5 cm above line of bore					Gas pressure in atm	Price per box of 20
50 m	100 m	150 m	200 m	300 m		$
+ 0,9 + 9,2	O +16,5	—9,4 +15,4	—33,0 O	— —	2800	**3.00**
— 0,2 + 7,7	O +15,6	—11,2 +12,4	—31,3 O	—128,3 — 81,4	2400	**3.00**
— 1,2 + 1,3	O + 5,1	— 3,0 + 4,7	—10,2 O	— 41,0 — 25,6	2600	**4.00**
— 0,6 + 2,6	O + 6,3	— 4,0 + 5,4	—12,7 O	— 46,0 — 27,9	2850	**7.00**
— 0,7 + 2,7	O + 6,9	— 4,2 + 6,2	—13,8 O	— 54,5 — 33,6	2900	**7.00**
— 1,3 — 0,2	O + 2,0	— 0,9 + 2,2	— 3,9 O	— 19,9 — 14,0	3900	**10.00**
— 1,3 + 0,1	O + 2,9	— 1,2 + 3,0	— 5,8 O	— 25,0 — 16,6	3300	**10.00**
— 0,5 + 2,4	O + 5,9	— 3,8 + 4,8	—10,9 O	— 39,8 — 24,3	3200	**3.75**
— 1,2 + 0,7	O + 4,2	— 2,0 + 4,1	— 7,1 O	—29,8 —18,0	3300	**3.75**
+ 0,2 + 5,1	O + 9,9	— 6,5 + 8,4	—19,9 O	— 71,0 — 41,5	3200	**7.25**
— 1,4 + 0,6	O + 3,9	— 2,0 + 3,8	— 7,8 O	— 32,1 — 20,4	3200 2900	**6.50** **7.00**
— 1,2 + 0,9	O + 4,3	— 2,5 + 4,0	— 8,7 O	— 36,5 — 23,5	3200 2900	**7.50** **8.50**
— 1,1 + 2,7	O + 7,2	— 4,7 + 6,1	—14,3 O	— 53,6 — 32,1	3400 2900	**7.50** **8.50**
— 0,3 + 4,4	O + 9,4	— 5,8 + 8,3	—18,9 O	— 67,3 — 38,9	2900	**6.50** **7.00**
— 1,6 — 0,7	O + 1,8	— 0,6 + 2,1	— 3,7 O	— 19,5 — 14,0	3800	**9.00**
— 1,1 + 0,5	O + 3,4	— 1,6 + 3,4	— 6,7 O	— 29,3 — 19,2	3800	**9.50**

For Comparison of Metric and Anglo-American Units see page 161!

Proofing Test

Proofing is a test clearly defined by statutory regulations, in which the safety of a firearm under a specified strain is tested. For proofing cartridges a heavier than normal powder charge is used. Rifles must withstand pressure of at least 30% above normal. The heaviest cartridge of the individual caliber serves as the basis for testing.

For shotshell proofing a minimum gas pressure is stipulated, i.e. for calibers 12 and 16 with 65 mm long shotshells, a pressure of 850 atm. and for 70 mm long shells 1.000 atm. This means that the shotgun barrels are tested with double the pressure a normal shotshell develops.

After proofing, the weapon is stamped with the official proofing mark. Proofing, viewing and marking can only be carried out by the Official Proof House.

Apart from the German proofing marks, the proof marks of the following countries are also valid in Germany: Belgium, Great Britain, France, Italy, Austria and Spain.

The most important proofing marks stamped on weapons tested with smokeless powder are illustrated below. All firearms which are offered for sale or are already in use in these countries must be stamped with the official proofing mark.

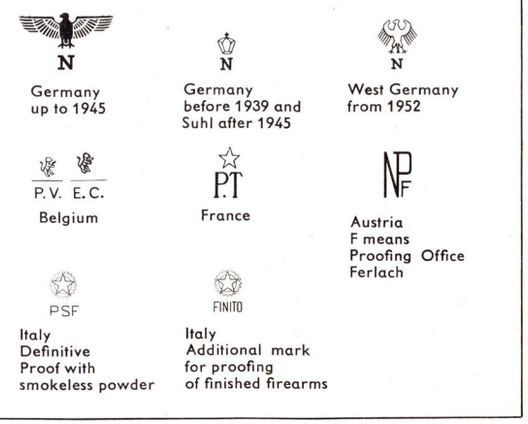
When the powder in the cartridge is ignited, gas pressures of up to 4.000 atm. are developed. You can imagine what happens when a firearm does not withstand this pressure.

Therefore we must inform all those hunters who send us unproofed firearms to be repaired, that under German Law it is forbidden to repair firearms which do not have the official proofing stamp. We thus request our customers' understanding when on receiving a firearm which has not been subjected to a proofing test, we first ask whether we may send it to a Proofing office to be tested. The risk of proofing and all other costs must be borne by the customer.

The Proofing office also has the right to refuse to proof a firearm, if important parts have been weakened, e.g. by corrosion pit, notching of chamber, etc., and if the firearm has been subjected to alterations not permitted by the Proof Law, e.g. welding on barrel, lining of barrel bore and chamber.

If a tested firearm has been subjected to substantial changes, for example, the chamber of a shotgun extended from 65 mm to 70 mm, or if the barrel of a rifle re-board and the caliber changed, then the firearm must be proof tested again.

The Proofing office is also entitled to make a firearm or parts of a firearm unserviceable prior to return, if, in the course of proofing, defects are discovered which cannot be repaired.



Approved for:	Make	Cartridge	Powder charge in g Type of powder	Type of bullet	Bullet: Length in mm	Bullet: Weight in g	Velocity in m/sec: V_0	V_{100}	V_{200}	V_{300}	Bullet energy in mkg: E_0	E_{100}	E_{200}	E_{300}	Point of impact in cm to line of sight with open sights if line of sight starts 2 cm above line of bore: 50 m	100 m	150 m	200 m	with O shot in the black: through rifle scope if line of sight starts 5 cm above line of bore: 50 m	100 m	150 m	200 m	300 m	Gas pressure in atm	Price per box of 20 $
Deer and boar Bavarian roe-deer and chamois	DWM	**7×57**	3,25 Sp. P.	Soft point with Spitzer	20	6,7	1014	860	724	596	355	256	183	123	+ 0,2 + 3,2	O + 5,4	— 3,4 + 4,8	—10,8 O	— 1,3 + 1,0	O + 3,9	— 1,9 + 4,0	— 7,8 O	— 34,6 — 22,7	3200	**5.50**
Deer and boar Bavarian roe-deer and chamois	DWM	**7×57 R**	3,1 Sp. P.	Soft point with Spitzer	20	6,7	992	844	706	578	336	243	170	114	+ 0,4 + 3,4	O + 6,0	— 4,0 + 5,0	—11,9 O	— 1,1 + 1,2	O + 4,5	— 2,5 + 4,2	— 8,9 O	— 36,7 — 23,4	2900	**6.25**
Deer and boar	RWS DWM	**7×57** **7×57 R**	3,0 R 2	Soft point Round nose Full-Jacketed case	26	9,0	781	666	570	485	280	203	149	108	+ 1,4 + 6,7	O +10,0	— 7,0 + 8,2	—20,0 O	— 0,1 + 4,4	O + 8,5	— 5,5 + 7,5	—17,0 O Hollow point S 7x57 Hollow point S 7x57 R	— 64,0 — 38,7	2200	**5.50** **6.25** **6.50** **7.25**
Deer and boar	RWS	**7×57** **7×57 R**	3,1 R 2 3,0 R 2	D-Mantle	28,6	10,0	805	695	599	517	330	246	182	136	+ 0,6 + 5,6	O +10,0	— 6,9 + 8,2	—20,0 O	+ 1,0 + 3,3	O + 8,5	— 5,4 + 7,4	—17,0 O	— 58,7 — 33,2	3250 3000	**6.75** **7.50**
Deer and boar	RWS	**7×57** **7×57 R**	3,1 R 2 3,0 R 2	H-Mantle with lead tip	33,5	11,2	770	688	617	557	339	270	217	177	+ 1,3 + 5,9	O + 9,3	— 6,4 + 7,7	—18,7 O	— 0,2 + 3,7	O + 7,8	— 4,9 + 6,9	—15,7 O	— 56,5 — 33,2	3250 3000	**6.75** **7.50**
Deer and boar	RWS	**7×57** **7×57 R**	3,1 R 2 3,0 R 2	H-Mantle with copper hollow point	38	11,2	770	714	664	620	339	291	252	219	+ 1,2 + 5,5	O + 8,6	— 6,0 + 6,9	—17,2 O	— 0,3 + 3,3	O + 7,1	— 4,5 + 6,2	—14,2 O	— 50,5 — 29,3	3250 3000	**6.75** **7.50**
Deer and boar	DWM	**7×57**	3,2 R 2	Brenneke Torpedo Ideal	31,0	10,5	848	748	674	613	385	299	243	201	+ 0,6 + 4,5	O + 8,0	— 5,5 + 6,5	—16,0 O	— 0,9 + 2,3	O + 6,5	— 4,0 + 5,7	—13,0 O	— 47,0 — 28,0	3300	**7.00**
Deer and boar	DWM	**7×57 R**	3,0 R 2	Brenneke Torpedo Ideal	31,0	10,5	826	737	661	601	365	291	234	193	+ 1,0 + 5,0	O + 8,0	— 6,0 + 6,6	—16,8 O	— 0,5 + 2,9	O + 6,5	— 4,5 + 5,8	—13,8 O	— 49,8 — 29,1	2800	**7.75**
Deer and boar Bavarian roe-deer and chamois	DWM	**7×64**	3,6 Sp. P.	Soft point with Spitzer Full-Jacketed case with Spitzer	20	6,7	1089	937	797	664	404	300	217	151	+ 0,2 + 2,7	O + 4,4	— 2,8 + 3,8	— 8,6 O	— 0,9 + 0,5	O + 2,9	— 1,3 + 3,0	— 5,6 O	— 26,7 — 17,3	3300	**6.50**
Deer and boar Bavarian roe-deer and chamois	DWM	**7×65 R**	3,5 Sp. P.	Soft point with Spitzer Full-Jacketed case with Spitzer	20	6,7	1060	904	766	642	383	279	200	141	— 0,2 + 2,4	O + 5,0	— 3,3 + 4,4	— 10,2 O	— 1,7 + 0,2	O + 3,5	— 1,8 + 3,6	— 7,2 O	— 31,2 — 20,3	3200	**7.25**
Deer and boar	DWM	**7×64** **7×65 R**	3,7 R 2	Soft point Round nose Full-Jacketed case	26	9	914	777	672	582	384	276	207	155	+ 0,6 + 4,3	O + 7,5	— 5,6 + 5,8	—15,1 O	— 0,9 + 2,1	O + 6,0	— 4,1 + 5,0	—12,1 O	— 46,1 — 27,6	3000	**6.50** **7.25**
Deer and boar	RWS DWM	**7×64** **7×65 R**	3,3 R 2	Soft point Round nose Full-Jacketed case	30	11,2	779	671	598	537	346	257	204	165	+ 1,3 + 6,2	O + 9,9	— 6,9 + 8,0	—20,9 O	— 0,2 + 4,0	O + 8,4	— 5,4 + 7,2	—17,9 O	— 61,2 — 35,9	2700	**6.50** **7.25**
Deer and boar	RWS	**7×64** **7×65 R**	3,5 R 2	Hollow point S	26	9,0	888	750	641	548	362	258	189	138	+ 0,9 + 4,8	O + 7,7	— 5,2 + 6,6	—15,7 O	— 0,6 + 2,5	O + 6,2	— 3,7 + 5,8	—12,7 O	— 48,9 — 30,0	2850	**7.50** **8.25**
Deer and boar	RWS	**7×64** **7×65 R**	3,6 R 1 3,5	D-Mantle	28,6	10,0	845	731	633	548	364	272	204	153	+ 0,8 + 5,3	O + 8,7	— 5,7 + 7,5	—17,4 O	— 0,7 + 2,9	O + 7,2	— 4,2 + 6,6	—14,4 O	— 51,4 — 30,2	3600 3300	**7.50** **8.25**
Deer and boar	RWS	**7×64** **7×65 R**	3,75 R 1 3,6	H-Mantle with copper hollow point	38	11,2	847	783	726	675	410	350	301	260	+ 0,7 + 4,3	O + 7,0	— 4,9 + 5,7	—14,1 O	— 0,8 + 2,0	O + 5,5	— 3,4 + 5,0	—11,1 O	— 40,5 — 23,9	3600 3300	**7.50** **8.25**
Deer and boar	DWM	**7×64**	3,5 Sp. P.	Brenneke Torpedo Ideal	31,0	10,5	896	787	725	683	431	331	281	247	+ 1,1 + 4,2	O + 6,2	— 5,0 + 4,5	—12,6 O	— 0,4 + 2,0	O + 4,7	— 3,5 + 3,7	— 9,6 O	— 37,5 — 23,1	3400	**8.00**
Big game	DWM	**7×64**	3,8 R 2	Brenneke Torpedo Ideal	33	11,5	878	808	747	695	452	383	327	283	+ 0,6 + 3,9	O + 6,6	— 4,7 + 5,2	—13,2 O	— 0,9 + 1,7	O + 5,1	— 3,2 + 4,4	—10,2 O	— 38,2 — 22,9	3500	**8.50**

Where RWS and DWM cartridges have the same powder charges the ballistic data of only one firm are listed as there are only minor differences in performance

For Comparison of Metric and Anglo-American Units see page 161!

Sigthing-in

Sighting-in sets and/or adjusts the point of impact, and improves the shooting performance of a firearm. For proofing, see page 39. For accurate sighting-in it is necessary to know all the factors which influence the path of the bullet, and consequently the performance of the firearm:

1) barrel, lock, action, stock of rifle;
2) precision and rigidity of rifle scope mount;
3) accurate adjustment and sturdiness of rifle scope;
4) bullet tolerances and gas pressure of individual cartridges;
5) exterior influences: wind, sun, rifle support;
6) and, last but not least, the shooter himself.

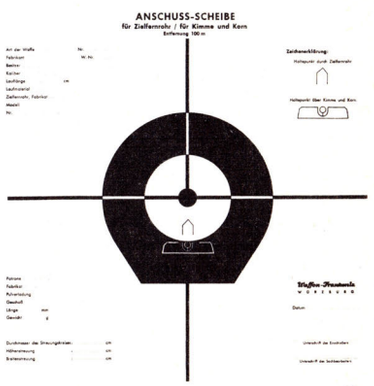
The sighting-in expert must be more than a good marksman. He needs a lot of experience in finding and removing hidden errors which impair shooting performance. After accurate sighting-in, i.e. when all sources of error both in rifle and rifle scope have been eliminated, a shot group of three shots is fired, which indicates to the customer how his rifle shoots. In almost all calibers we achieve outstanding performance through use of the powder charge which is best for the weapon. The German Institute for Sport Shooting in Duesseldorf-Gerresheim, sets the following standards on the basis of a five-shot group:

dispersion of more than	10 cm — low shooting performance
dispersion up to	10 cm — good shooting performance
dispersion up to	7 cm — very good shooting performance
dispersion up to	5 cm — excellent shooting performance

Aiming with open sights is a rather touchy business. Almost all shooters obtain a different point of impact because of differences in visual power; there can even be considerable deviations. It therefore is of no use to have shot groups fired with open sights at long range. Fire a test shot with open sights even if you intend to shoot with a rifle scope.

Frequently our customers want us to sight-in their rifles with two types of cartridges having different powder charges. This request is understandable and theoretically feasible. There is however a catch to this: the scope's reticule adjustment would have to be provided with two notches, and, depending upon the powder charge used, the individual adjustment screw then set and the reticule would to be adjusted. We strongly advise against such experiments because due to the play in the adjustment screw, the 100% correct positioning of the reticule would no longer be assured. In this connection it must always be borne in mind that a variance of a fraction of a millimeter in the rifle scope at a distance of 100m or 200 m produces a change in point of impact of several centimeters. We can though fire an additional test shot with a different powder charge. Then the customer also knows the point of impact of this cartridge and in practice can then aim higher or lower, as the case may be.

Still another important point: buy enough ammunition of the cartridge series with which sighting-in was done to cover your requirements for almost one year. Each series has a production number which is printed on the cartridge box. A change of powder charge, e.g. use of another powder, can change the point of impact.



Approved for:	Make	Cartridge	Powder charge in g Type of powder	Type of bullet	Bullet: Length in mm	Bullet: Weight in g	Velocity in m/sec: V_0	V_{100}	V_{200}	V_{300}	Bullet energy in mkg: E_0	E_{100}	E_{200}	E_{300}	Point of impact in cm to line of sight with open sights if line of sight starts 2 cm above line of bore: 50 m	100 m	150 m	200 m
Deer and boar	DWM	**7×65 R**	3,5 Sp. P.	Brenneke Torpedo Ideal	31	10,5	880	773	710	666	414	320	270	237	+ 0,8 + 4,4	O + 7,6	— 5,1 + 6,1	—15,2 O
Big game	DWM	**7×65 R**	3,7 Sp. P.	Brenneke Torpedo Ideal	33	11,5	858	787	727	675	432	363	310	267	+ 0,7 + 4,2	O + 7,1	— 4,9 + 5,6	—14,1 O
Deer and boar	DWM	**7 mm vom Hofe**	5,2 Sp. P.	Torpedo Stopring	29	8	1110	1002	901	805	502	409	331	264	— 0,1 + 1,9	O + 4,1	— 2,9 + 3,3	— 8,2 O
Deer and boar	DWM	**7×75 R vom Hofe**	4,5 Sp. P.	Torpedo Stopring	31	8	1056	950	853	762	456	368	296	237	+ 0,4 + 2,9	O + 5,1	— 3,4 + 4,3	—10,1 O
Deer and boar	RWS DWM	**8×57 J** **8×57 JR**	2,6 T1910	Soft point Round nose Full-Jacketed case	26	12,7	729	599	520	464	344	232	175	139	+ 1,4 + 7,7	O +12,5	— 7,7 +11,0	—25,0 O
Deer and boar	RWS	**8×57 J** **8×57 JR**	2,9 R 5 2,85	H-Mantle lead tip	30	12,7	757	667	592	528	371	288	227	181	+ 1,3 + 6,3	O +10,0	— 7,0 + 8,1	—20,1 O
Roe-deer	RWS	**8×57 IS** **8×57 JRS**	2,6 Sp. P.	Soft point Round nose	26	12,7	643	534	462	401	268	185	138	104	+ 1,7 + 9,8	O +16,2	—12,5 +11,7	—32,3 O
Roe-deer	DWM	**8×57 JS** **8×57 JRS**	3,4 Sp. P.	Soft point Round nose	18	8	905	696	522	364	334	198	111	54	+ 0,8 + 5,3	O + 9,1	— 5,9 + 7,8	—18,1 O
Deer and boar	DWM RWS	**8×57 JS**	3,25 R 5	Soft point Round nose Full-Jacketed case	26	12,7	828	694	600	517	445	313	231	173	+ 1,1 + 5,9	O + 9,7	— 7,2 + 7,5	—20,0 O
Deer and boar	RWS	**8×57 JS**	3,1 R 5	D-Mantle	27	11,5	789	665	569	491	365	259	190	141	+ 1,3 + 6,3	O +10,0	— 6,8 + 8,3	—20,1 O
Deer and boar	RWS	**8×57 JS**	3,25 R 5	H-Mantle lead tip	29	12,1	820	710	621	546	415	311	238	184	+ 1,0 + 5,4	O + 8,7	— 6,0 + 7,1	—17,4 O
Deer and boar	RWS	**8×57 JS**	3,25 R 5	H-Mantle copper hollow point	33,5	12,1	820	741	672	612	415	338	279	231	+ 0,9 + 4,9	O + 8,0	— 5,5 + 6,4	—15,9 O
Deer and boar	DWM	**8×57 JS**	3,6 Sp. P.	Brenneke Torpedo Ideal	32	12,8	833	728	653	591	452	345	278	228	+ 1,1 + 5,3	O + 8,4	— 5,5 + 6,8	—16,2 O
Deer and boar	DWM	**8×64 S** **8×65 RS**	3,9 Sp. P.	Brenneke Torpedo Ideal	32	12,8	863	748	668	602	485	365	291	236	+ 0,8 + 4,6	O + 8,1	— 8,4 + 6,5	—16,0 O
Deer and boar	RWS	**8×68 S**	4,75 Sp. P.	H-Mantle copper hollow point Full case	33,5 26	12,1	1000	888	797	721	617	486	392	321	+ 0,3 + 3,0	O + 5,2	— 3,6 + 4,3	—10,5 O
Deer and boar	RWS	**9,3×62**	3,85 Sp. P.	H-Mantle copper hollow point	35	16,7	822	758	700	649	575	489	417	358	+ 0,9 + 4,7	O + 7,5	— 5,2 + 6,1	—15,1 O
Deer and boar	DWM	**9,3×64**	4,7 R 1	Brenneke Torpedo Universal	37	19,0	805	741	690	643	627	533	461	400	+ 0,7 + 4,7	O + 8,8	— 5,6 + 6,2	—15,9 O
Deer and boar	RWS	**9,3×74 R**	4,0 Sp. P.	H-Mantle copper hollow point	35	16,7	797	735	680	631	541	460	394	339	+ 1,0 + 5,1	O + 8,0	— 5,6 + 6,5	—16,1 O

with O shot in the black: through rifle scope if line of sight starts 5 cm above line of bore: 50 m	100 m	150 m	200 m	300 m	Gas pressure in atm	Price per box of 20 $
— 0,7 + 2,2	O + 6,1	— 3,6 + 5,3	—13,2 O	— 43,6 — 25,2	3300	**8.75**
— 0,8 + 2,0	O + 5,6	— 3,4 + 4,8	—11,1 O	— 40,9 — 24,1	3300	**9.25**
— 1,6 — 0,3	O + 2,6	— 1,5 + 2,3	— 5,1 O	— 22,9 — 15,3	3750	**11.25**
— 1,1 + 0,7	O + 3,6	— 1,9 + 3,5	— 7,1 O	— 26,4 — 15,6	3600	**11.25**
— 0,1 + 5,5	O +11,0	— 6,2 +10,2	—22,0 O	— 79,4 — 46,4	2750	**5.00** **5.50**
— 0,2 + 4,1	O + 8,5	— 5,5 + 7,3	—17,1 O	— 62,0 — 36,2	3000 2700	**6.50** **7.00**
+ 0,2 + 7,6	O +14,7	—11,0 +10,9	—29,3 O	—106,6 — 62,6	2200	**5.00** **5.50**
— 0,7 + 3,1	O + 7,6	— 4,4 + 7,0	—15,1 O	— 63,7 — 40,8	2300	**5.00** **5.50**
— 0,4 + 3,7	O + 8,2	— 5,7 + 6,7	—17,0 O	— 61,1 — 35,7	3300	**5.00**
— 0,2 + 4,1	O + 8,5	— 5,3 + 7,5	—17,1 O	— 64,0 — 38,5	3300	**6.50**
— 0,5 + 3,1	O + 7,2	— 4,5 + 6,3	—14,4 O	— 53,7 — 32,1	3300	**6.50**
— 0,6 + 2,6	O + 6,5	— 4,0 + 5,7	—12,9 O	— 47,4 — 28,0	3300	**6.50**
— 0,4 + 3,1	O + 6,9	— 4,0 + 6,0	—13,2 O	— 49,2 — 29,5	3200	**6.75**
— 0,7 + 2,4	O + 6,6	— 6,9 + 5,7	—13,0 O	— 47,4 — 27,6	3400	**9.00** **9.50**
— 1,2 + 0,7	O + 3,7	— 2,1 + 3,6	— 7,5 O	— 30,3 — 19,0	3800	**9.50** **8.75**
— 0,6 + 2,4	O + 6,0	— 3,7 + 5,4	—12,1 O	— 44,5 — 26,3	3300	**8.25**
— 0,8 + 2,5	O + 7,3	— 4,1 + 5,4	—12,9 O	— 46,5 — 26,9	3600	**10.25**
— 0,5 + 2,8	O + 6,5	— 4,1 + 5,8	—13,1 O	— 47,1 — 27,5	2900	**8.75**

For Comparison of Metric and Anglo-American Units see page 161!

Some Valuable Tips

How to handle your arms and ammunition

Never load your rifle in the house, in the lodge or in your car. Unload it immediately upon returning from hunting, before you step into your lodge or car.

Unload your rifle when you jump over a ditch, climb over a fence or when you climb up or down from a high stand. Whether your rifle is loaded or not, never carry it with the muzzle pointing at anyone.

A breech type weapon must not be uncocked in the usual way, i.e. breeching the barrels, pulling the triggers and then closing it slowly. By doing so the connecting rod between safety slide and locking lever would be deformed and have to be repaired. The best way to uncock a weapon is to unload it, insert dummy cartridges, and then to pull the triggers. The same procedure applies as well to ejector type weapons (see page 50).

When closing a breech type weapon see to it that the lock is really locked, i.e. the lever must be parallel to the barrels, or if your weapon has the Greener lock, the locking bar must not protrude from the breech case.

How to store your firearms and ammunition

Never put your rifle or gun into the rack, if it is loaded or cocked. Make sure that children and other persons cannot play with your rifles or ammunition. As owner of the weapon you are liable for all damage caused by it.

Never leave your weapon for long periods of time with muzzle cover on, or in a leather or damp canvas gun case. Not only the dampness but also the tannic acid in the leather encourages the formation of rust.

Always store your ammunition, shotshells and cartridges in a cool, dry place.

Maintenance

Clean your gun carefully after having fired it or when it has been exposed to damp air or great fluctuations in temperature. Clean your weapon again after two or three days in order to prevent so-called fouling. A steel wire brush should never be used for cleaning, all you need is oakum and a bristle brush for oiling the barrels.

To prevent leading and fouling there are two tested preparations: "Solvent" for shotgun barrels and "New Purgitin" for rifle barrels. For heavily leaded shotgun barrels it is also possible to use very fine steel wool with Solvent. After using New Purgitin, oil barrels thoroughly inside and outside, because New Purgitin assists rust formation and can harm bluing. You can refinish small spots on the bluing of barrels with "Gun-Blue".

For care of external parts, use a rifle vaseline. It protects against rust formation and in rain is not so easily washed off as oil.

The stock, too, needs care. Now and then rub it with "Schaftol" or a good quality linseed oil. The wood becomes then weatherproof and has a beautiful, dull finish.

It is a well-known fact that the barrel and fore-end of a repeating rifle must not touch. The space between the metal and the wood should be filled in with a special wax. This prevents the rain water from getting in between stock wood and barrel and hidden rust formation on barrel. For cleaning equipment see page 119.

It is unavoidable that a combination firearm is now and then exposed to rain. In this eventuality water can get into the action and rust can form on the locks. Condensation which forms inside the action because of great temperature fluctuations can also cause rust. Therefore it is recommended that you periodically take your rifle to a gunsmith for inspection. Use our check-up service at least once a year. Then you can be sure that your guns and rifles are in prime condition, inside and out.

Moreover, we supply:

			per 20 $
6,5 × 54 M.Sch.	RWS DWM	30 Soft point	6.00
6,5 × 54 M.Sch.	DWM	31 Soft point	6.00
10,75 × 73	DWM	30 Soft point	9.50

For older rifle-makes

the following cartridges are still available:

		mm		$
5,6 × 35 R	DWM	12	Soft point Full case	3.75
5,6 × 35 R	RWS	12	Soft point	3.75
6,5 × 52 R	RWS	25	Soft point	7.75
6,5 × 58 R	RWS	26	Soft point	7,25
6,5 × 70 R	RWS	26	Soft point	7.75
7 × 72 R	RWS	26	Soft point	9.00
8 × 56 M.Sch.	RWS DWM	26	Soft point	7.25
8 × 57 J	RWS	30	Soft point round nose	5.00
8 × 57 JR	RWS	30	Soft point round nose	5.50
8 × 57 R/360	RWS	26	Soft point	8.00
8 × 58 R	RWS	26	Soft point	8.00
8 × 60	RWS DWM	26	Soft point	6.75
8 × 60 R	RWS	26	Soft point	7.75
8 × 60 S	RWS	33,5	H-mantle, copper hollow point	8.25
8 × 60 S	DWM	26	Soft point	6.75
8 × 72 R	RWS	26	Soft point	8.75
8,15 × 46 R	RWS	20	Soft point	5.50
8,15 × 46 R	DWM	19	Soft point	5.50
9 × 57	DWM	27	Soft point	8.50
9 × 57	RWS	30	Soft point	8.50
9 × 57 R	RWS	30	Soft point	9.00
9,3 × 72 R	RWS DWM	20	Soft point	7.00
9,3 × 82 R/360	RWS	20	Soft point	8.50
10,75 × 68	DWM	27	Soft point	8.50
10.75 × 68	RWS	26	Soft point	8.50

Rifle Cartridges

Make Sako, Lapuan, Sellier & Bellot, and Eidgenössische Munitionsfabrik Altdorf (Switzerland)

.22 Hornet	45 grs.	Soft point Sako	**2.50**
.222 Remington	50 grs.	Soft point Sako	**2.85**

Quantity discounts for .22 Hornet and .222 Remington when ordering 150 pcs. and more 5%, when ordering 300 pcs. and more 7,5%

			$
6,5 × 52 R	5,65 g	Soft point Lapuan	3.50
7 × 57	9,0 g	Soft point Sell. & B.	3.75
7 × 57 R	9,0 g	Soft point Sell. & B.	4.00
7 × 64	9,0 g	Soft point Sell. & B.	4.25
7 × 65 R	9,0 g	Soft point Sell. & B.	4.50
8 × 57 JR	12,7 g	Soft point Sell. & B.	4.25
8 × 57 JS	12,7 g	Soft point Sell. & B.	4.00
9,3 × 72 R	No.185	Soft point Switzerl.	8,25
9,5 × 57 M.Sch.	17,5 g	Soft point Sell. & B.	6.25

Ballistic data for the most popular American and British cartridges, converted into meterseconds and meterkilogram:

Caliber	Make	Bullet weight in grs.	Bullet weight in g	in m/sec V_0	in m/sec V_{100} yards = 91,44 m	in mkg E_0	in mkg E_{100} yards = 91,44 m	Price per box of 20 $
.22	Winchester Magn.	40	2,60	609,6	423,6	49,1	23,5	1.40
.22	Hornet Fabr. Win.	45	2,92	820	619	99	57	3.25
.220	Swift Fabr. Win.	48	3,11	1253	1064	249	180	5.00
.222	Remington Fabr. Win.	50	3,24	975	811	158	109	3.75
.243	Winchester	80	5,18	1067	939	301	234	5.75
.243	Winchester	100	6,50	935	846	290	237	5.75
.270	Winchester	100	6,50	1061	936	374	289	6.25
.270	Winchester	130	8,42	957	869	393	324	6.25
.30/30	Winchester	150	9,72	735	616	277	188	4.75
.30/06	Springfield	180	11,66	823	710	402	300	6.25
		150	9,72	905	792	405	311	6.25
.308	Winchester	150	9,72	817	783	378	304	6.25
.300	Holland & Holland Magnum	180	11,66	890	814	470	394	8.25
		150	9,72	972	875	469	379	8.25
.375	Holland & Holland Magnum	300	19,44	777	695	599	479	8.75
		270	17,50	835	750	622	501	8.75
.416	Rigby	410	26,57	716	655	694	585	15.00
.458	Winchester Magn.	510	33,05	648	561	707	530	11.00
.470	Nitro-Expreß	500	32,40	648	586	696	570	12.50

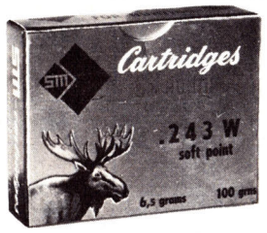
Weatherby cartridges see page 93.

Rimfire-Rifle Cartridges .22 lfB. Sellier & Bellot

Brass casing, rustproof primer, lead bullet Order No. 1436
Price per 100 pcs. $ **1.25** 1000 pcs. $ **10.35** 10000 pcs. $ **93.35**

Ballistic Data of Svenska Rifle Cartridges

Caliber	Bullet weight grains	Bullet weight g	Velocity in m/sec V_0	Velocity in m/sec V_{100}	Bullet Energy in m/kg E_0	Bullet Energy in m/kg E_{100}	Price per box of 20 $
.243 Winch.	85	5,5	935	823	245	190	3.75
	100	6,5	935	846	290	237	3.75
.270 Winch.	130	8,4	955	890	391	339	4.50
	150	9,7	855	794	361	312	4.50
.30/06 Spr.	150	9,7	905	765	405	289	4.50
	180	11,6	825	738	403	322	4.50
8 × 57 IS	196	12,7	790	685	404	304	3.75



In addition to the excellent pistol and revolver cartridges listed on page 117, we also carry the above rifle cartridges from the Svenska-Metallverken, Västeras. Svenska ammunition is noted for its carefully prepared powder charges and its accuracy.

Ammunition - Overseas:

Most countries do not allow ammunition to be shipped by parcel post. It therefore has to be sent via air — freight or by steamer. Extra costs for packing in wooden cases, forwarding agents, minimum rate charges, etc. are involved.

Shipping loaded ammunition is therefore very expensive and only pays when larger quantities are ordered.

When you order a weapon from abroad it is always wise to **select a caliber for which you can readily obtain ammunition.**

Bullets, Primers, Powder and other reloading components:

We here at Waffen-Frankonia do not handle half loaded ammunition — nor do we sell shells, casings or bullets alone, as well as other components and reloading tools. The German law on this makes it impractical to deal in such.

Comparison of Metric and Anglo-American Units: please see page 161!

Our Wide Selection of Shotshells

All our shotshells are provided with non-corrosive and non-erosive primers. Shot sizes are 2,5 mm, 3 mm, 3,5 mm, 4 mm. (For Legia-Star Red they are 2,4 mm, 3 mm, 3,4 mm, 3,8 mm.)

Make	Price $ per 100 rounds 12 ga. 2¹/₂″ (12/65)	12 ga. 2³/₄″ (12/70)	16 ga. 2¹/₂″ (16/65)	16 ga. 2³/₄″ (16/70)	20 ga. 2¹/₂″ (20/65)	20 ga. 2³/₄″ (20/70)
Waidmannsheil	10.25	10.50	9.00	9.50	9.00	9.50
Rottweil Star	7.50	8.00	7.00	7.50	7.00	7.50
Eley-Maximum	7.50	8.00	7.00	7.50	—	—
Legia-Star Red	—	10.00	—	9.50	—	—
Remington Express Green Waterproof Plastic Shotshells shot sizes: No. 2 = 2,78 mm, No. 4 = 3,3 mm, No. 5 = 3 mm, No. 6 = 2,79 mm, No. 7¹/₂ = 2,41 mm, No. 9 = 2 mm	—	13.25	—	13.25	—	—
Rottweil Brenneke Slug Shells*	17.50	18.75	16.25	17.50	16.25	17.50

* You will find an article concerning the accuracy of slug shells on page 62.

Because of manufacturing and import difficulties it can sometimes happen that a certain make in one shot size or the other is not in stock. To avoid delays in delivery we ask you to list an alternate make when ordering.

	Make	12 ga. 2³/₄″ (12/70)	16 ga. 2³/₄″ (16/70)
Special Shotshells for Trap Shooting	Waidmannsheil 2,41 mm No. 7	10.50	9.50
	Express 2,41 mm No. 7	10.50	9.50
	Rottweil-Star 2,41 mm No. 7	8.00	7.50
	Legia-Star black	11.25	—
Special Shotshells for Skeet Shooting Shot load 32 g	Rottweil-Star-Skeet 2,0 mm No. 9	8.00	7.50
	"Scatter" Shotshell Rottweil Star 2,0 mm No. 9	8.50	8.00

Overseas — Shipment:

Freight charges and other expenses for overseas shipment are high and only pays when large quantities are ordered.

V 12,5 = Velocity of pellets 12,5 m from muzzle. The higher the velocity of pellets, the higher is their penetration power. Their shooting range is longer and their deflection by wind is lower.

Weight of shot load in grams. The heavier the shot load, the denser is the pattern. The higher shooting performance is rated in terms of pattern percentage. This percentage depends on the load of the individual shotshell, which raises the shooting performance in terms of pattern density.

The performance of the shotshell depends on the bore and choke of the shotgun barrel.

Ballistic Data of Shothells (average values)

Make	Shot load in g Gauge 16-2³/₄″	Shot load in g Gauge 16-2³/₄″	V 12 5 in m/sec with different shot sizes 2,5 mm	3 mm	3,5 mm	4 mm
Eley-Maximum	30	34	294	299	305	310
Rottweil-Star	29	34	300	310	315	320
Hubertus	30	35	300	310	315	320
Legia-Star-Red	30	35	305	315	320	330
Waidmannsheil	31	35	305	315	320	330
Sellier & Bellot Red and Black	31	36	305	315	320	330

Sellier & Bellot

A Famous Name with a Long-Standing Tradition

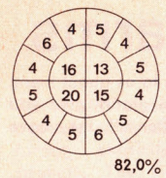
$ 8.25 per 100 shotshells
$ 35.00 per 500 shotshells in original case
$ 32.50 per 500 when ordering 20 original cases
Same price scale for all gauges

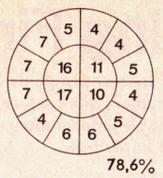
The quantity discounts and special prices listed on opposite page apply to both shotshell makes.

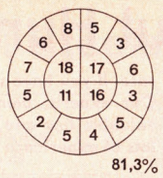
Hubertus

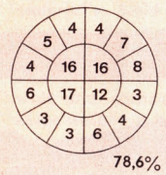
High Performance at Low Prices

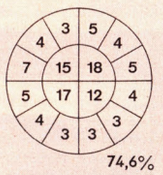
$ 7.50 per 100 shotshells
$ 31.25 per 500 shotshells in original case
$ 28.75 per 500 when ordering 20 original cases
Same price scale for all gauges

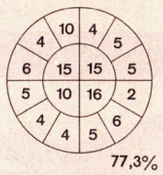


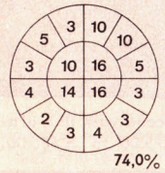


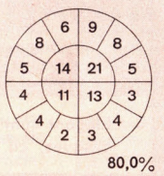


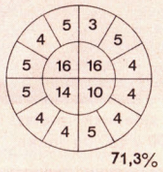


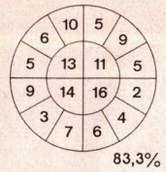


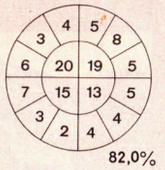


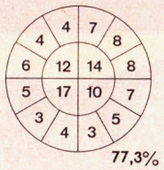












Tests confirm:

Sellier & Bellot – a superior shootshell

Twelve Sellier & Bellot shotshells, gauge 12/70, 3½ mm, selected at random, fired with a Franchi automatic shotgun full choke No. 707775 at a 16-field-target produced these excellent shot patterns.

Pattern percentages range between 71.3 and 83.3%. The average pattern percentage is 78.5%. Evaluation according to set standards: pattern = excellent, uniformity (density) = excellent, suitability for long-range shots = excellent. These results are particularly outstanding, as the Sellier & Bellot shell develops full velocity (the powder charge remains the same) and consequently high pellet penetration power. The Sellier & Bellot shotshell is provided with the tested, non-corrosive Gevelot primer.

Gauge	12-2½''	12-2¾''	16-2½''	16-2¾''
Shot sizes in mm	2 2½ 3 3½ 4	2 2½ 3 3½ 4	2 2½ 3 3½ 4	2 2½ 3 3½ 4

Quantity Discounts and Special Prices

for Hubertus and Sellier & Bellot Shotshells

		500 shells per 100	1000 shells per 100	2500 shells per 100	5000 shells per 100
Assorted in various gauges and shot sizes	Hubertus	6.75	6.50	6.25	6.00
	Sellier & Bellot	7.50	7.25	7.00	6.75

		1 case (500 rounds) per 100	5 cases (2500 rounds) per 100	10 cases (5000 rounds) per 100	20 cases (10.000 rounds) per 100
Special prices for factory-packed cases (1 factory-packed case contains 500 shells of one gauge and shot size)	Hubertus	6.25	6.00	5.90	5.75
	Sellier & Bellot	7.00	6.75	6.65	6.50

When ordering 100 shotshells or more delivery is free within Germany, no extra charge for packing.
Shipping loaded ammunition **overseas** is very expensive and only pays when larger quantities are ordered.

Hubertus shotshells

Waffen-Frankonia's most popular shell

A German made shotshell costing $ 5.75 or $ 7.50 per 100 rounds, respectively: its outstanding performance has made it one of the most popular shells in the Federal Republic. Waffen-Frankonia guarantees the quality of this shotshell. The Hubertus shell has a 10 mm high cap and the preferred non-corrosive and non-erosive Gevelot primer, according to Mahrholdt's "Waffen-Lexikon" the best primer in existence. Moreover, only the best material is used in their manufacture, i.e. hard-shot, nitro-cellulose, cardboard reinforcement and original flake type powder.

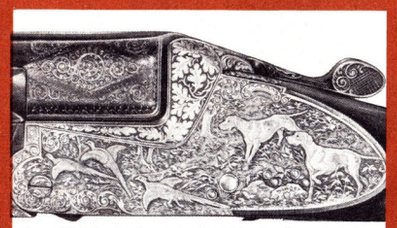
The following gauges and shot sizes are available. Prices valid for all gauges.

Gauge	12-2½''	12-2¾''	16-2½''	16-2¾''
Shot sizes in mm	2 2½ 3 3½ 4	2 2½ 3 3½ 4	f. Skeet 2½ 3 3½ 4	2 2½ 3 3½ 4

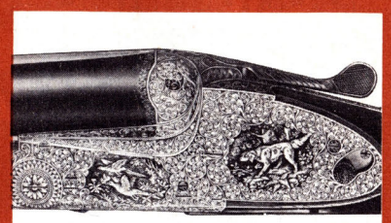
Interesting Facts about Hunting Firearms

Many questions and problems arise when selecting a hunting firearm, and all must be thoroughly considered. In the short articles on the following pages we have given a few of the essentials. Nevertheless, many questions will remain unanswered because a solution can be found only for the individual case. If you have such special problems write to us about them. Our experts, being hunters themselves, will gladly give you valuable tips and reliable information — after all, they have lots of experience and know how.

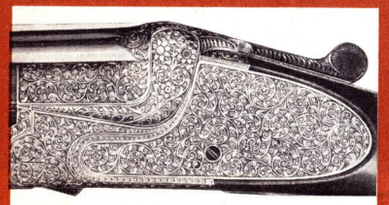
1 Hunting scene in high-relief $ 225.00 to $ 325.00 depending on make.



2 Richly engraved side-lock plates, $ 250.00 to $ 375.00 dep. on make.



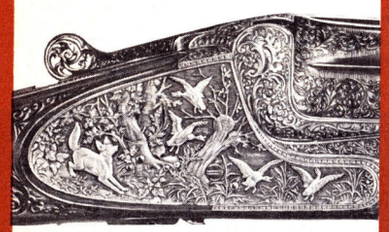
3 Elegant hunting scene with fine arabesques, ca. $ 375.00 to $ 450.00.



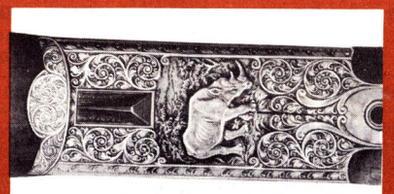
4 Fine arabesques on side plates and barrel end, $ 175.00 to $ 225.00.

5a Hunting scene in very high relief for big-game rifles, approx. $ 250.00.

5b Right side of engraving on big-game rifles, at approx. $ 250.00.

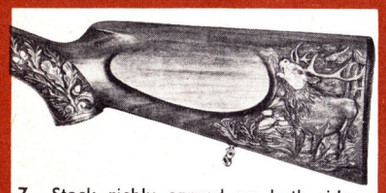


6 Deluxe engraving with silver inlays, approx $ 1125.00.



5c Engraving on bottom of action for engraving in 5a and 5b.

5d Engraving top of action (belongs to hunting scene in 5a and 5b).

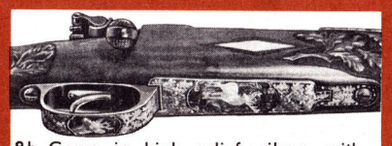


7 Stock richly carved on both sides, approx. $ 75.00.

Engravings on Hunting Firearms

With the exception of simple shotguns and repeating rifles which after polishing are provided with a deep-black bluing, today almost all hunting weapons have some sort of engraving. The engravings range from simple patterns to hunting scenes in high-relief, with gold and silver inlays. Some engravings are illustrated on this page, but you will find more in the firearms section of this Guide. We will also make engravings according to your sketches or suggestions; please send them to us.

Beautifully engraved repeating rifle 8a with silver inlay, approx $ 212.50.



8b Game in high relief, silver, with engraving in 8a.

8c Fine engraving on floor plate goes with the engraving in 8a and 8b; engraving on foot plate only $ 13.75.

Barrel Steels and Bluing

The quality of barrel steel depends on its purity, uniformity, elasticity and strength. The higher the material's yield and strength, the more stress it can withstand. This allows a thinner barrel wall and consequently saves weight in barrel and action. We have listed today's standard barrel steels in a table according to strength factors. As the composition of the barrel steel largely influences the bluing and the endurance of bluing, we have discussed both barrel steels and bluing in this article.

Barrel steels Listed are always the min. values	Yield strength kg/mm²	Tensile strength kg/mm²	Elasticity %	Constriction %	Notch impact strength
Special steel Bochumer Verein	45	70	16	45	4
Boehler Blitz	45	70	16	45	4
Boehler Special	65	85	15	45	4
Boehler Special CRG	70	85	15	45	5
Boehler Antinit NG	70	85	15	50	7
Boehler Super Blitz	100	110—125	12	45	6
Poldi Elektro	41	75—90	17	40	4
Poldi Special	55	85—105	15	35	3
Chrome-Mn-Steel F 57	55	90	15	45	4
Vickers Steel	55	71—94	15	50	9
Chrome - Rifle barrel steel	70	85—90	15	45	5
Vanadium - Shotgun barrel steel	45	70	16	45	4

Bluing

that is, giving the barrels their beautiful, blue-black surface color, is carried out by two different methods:

1. Dipping takes a comparatively short time, but should be used only on barrels for repeating rifles and parts which are not soldered or have one large soldered surface. The bronzing pickle heated to 100°C and more employed in this method contains sodium hydroxide which attacks the solderes seams and, if not entirely removed, decomposes the soldering tin so that it disintegrates into gray dust. This is the so-called "tin pest".

2. The brush-on method. Bluing usually takes three to eight days, but with rustproof steels, e.g. Boehler Antinit NG, possibly even longer. This method should always be used if there are thin soldered seams, thus on firearms having more than one barrel. The bronzing pickle is applied at room temperature and does not attack the soldered seams.

Please note that beautiful black bluing takes time when done carefully. Please let our experts take their time when you send us your firearm for bluing or scope mounting.

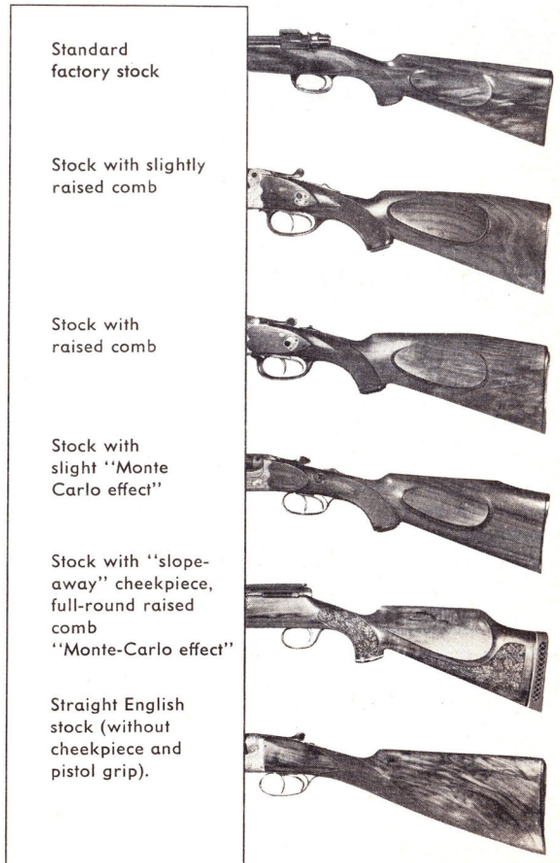
The Correct Stock

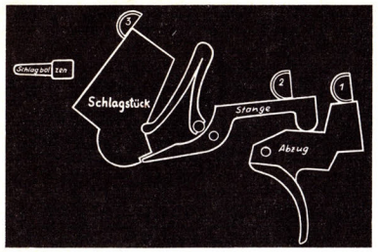
A properly fitting stock is one of the factors essential to a successful hunting trip. While the standard factory stock has a length of 356 to 365 mm — measured from front trigger to center of butt — the stock must be altered or custom-made for taller or shorter persons, particularly "stocky" hunters or shooters having special aiming habits. Often the fact that a good marksman misses occasionally can be explained by the fact that not all standard stocks fit all shooters. By re-working or making a perfectly fitting new stock, our special stockmaking department has helped many a shooter improve his shooting performance. Using an adjustable rifle, we take your exact dimensions, and note them in your customer card. Later if you should decide to order another weapon, we will make the stock according to these dimensions. But we can also deliver exactly fitting stocks to those shooters who for some reason cannot visit our establishment. All you have to do is send us your exact measurements and aiming habits. If you desire this service, please fill in our special stock measurement tables.

The only wood used for stocks of hunting weapons is walnut. The wood used ranges from simple trunk wood to selected veined root wood In our workshop we make only thoroughly oiled, polished or non-polished stocks which are weatherproof and with good care preserve their beautiful finish.

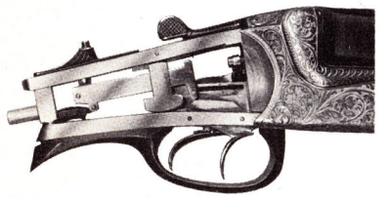
On page 160 you will find our special stock measurement tables.

If you want a new stock or your old one is to be refitted, please fill in the form on the back of the enclosed order blank.


Standard factory stock
Stock with slightly raised comb
Stock with raised comb
Stock with slight "Monte Carlo effect"
Stock with "slope-away" cheekpiece, full-round raised comb "Monte-Carlo effect"
Straight English stock (without cheekpiece and pistol grip).

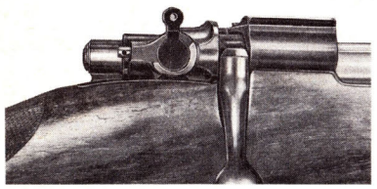


Trigger safety, rod safety and sear safety



Frankonia single lock automatic safety

Franchi automatic shotgun with push-button safety



ZG 47 with wing safety

Which Type of Safety is Best?

Most double barrels shotguns and combination firearms have a trigger safety. By this safety device, the triggers are locked so that they cannot be moved; a well made safety of this type is sufficient. (1)

On the rod safety, a safety lug rests on the trigger rod, that is, the movable connection between trigger and sear. The trigger sear therefore cannot be lifted out of the rod catch. (2)

Sear safeties are made in two standard types: On the one, the safety lug is in front of the hammer and at the same time it presses it slightly back so that it is lifted out of the rod catch. (3) On the other, the safety clicks in only if the sear is released by a shock or other impact. It then slips into a safety catch and cannot strike the firing pin.

Over & Under shotgun/rifle combinations and drillings with separate cocking have no safety device as they need none. Even when the barrels are loaded, they are absolutely harmless as actions are cocked only shortly prior to firing by a cocking slide or lever. The various firearm manufacturers build different types of actions.

We should like to mention an absolutely new construction, which is exclusively built into the Frankonia single lock over & under shotgun/rifle combinations. It is an automatic safety device by which any shock actuates a rocker weight which immediately releases the spring of the sear.

Most automatic shotguns and rifles have a push-button safety located in the rear of the trigger guard; it locks the trigger and can easily be operated during aiming.

In all bolt action rifles the firing pin is locked. Differences exist only as to the design of the wing safety. The wing safety in the model 98 carbine secures the firing pin and action against unintentional opening. But in most cases this type of safety is not suitable for rifles with low-positioned scopes.

On the Brünn bolt action rifle ZG 47, the wing safety is located on the right side at the bridge of the receiver and can be operated during aiming. The wing can also be easily operated with low-mounted scopes. The wing safety, also locks firing pin and bolt and prevents unintentional opening.

Note: All types of safety devices must be carefully made, otherwise they constitute a danger rather than a safety.

Some Remarks on Ejectors

An ejector offers the advantages of rapid re-loading and no trouble with stiff fingers in the winter.

An ejector is a device at the barrel breech which throws out the fired case when the breech is opened. This permits rapid reloading of the shotgun and is very good for hunting partridges, hares and ducks. But in combination firearms, many hunters dislike ejectors as the metalic click makes a disturbing noise when the rifle is opened after a shot from a high stand or during stalking.

We can supply ejectors for the following shotguns and rifles:

Simson double barrel shotguns, BRNO side lock double barrel shotguns, Merkel Bros. and Franchi over & under shotguns. Rifle/shotgun-combinations: make Frankonia, Merkel Bros., Sodia, Heym and all over & under double barrel rifles.

The two best known types of ejectors are:

The helical pressure spring type ejector

When the weapon is opened, the ejector is pushed back and the fired cartridge case thrown out. This type of ejector is only built into over & under firearms.

The Holland & Holland ejector

As in a breech type firearm, a spring presses on a hammer which is released on breeching of barrels and pushes back the ejector, which throws out the fired cartridge case.

Uncocking the Lock

A firearm with an ejector must not be uncocked in the usual way, that is breeching the barrels, pulling the triggers and then closing the barrels slowly. This can cause expensive damage to the cocking lever catches. To uncock your gun or rifle, insert dummy cartridges into the barrels, close the action and pull the triggers.

Standard Actions of Hunting Firearms

The Back Action Lock (Hammer Shotgun)
is used nowadays only in simple double barrel shotguns. It is a side lock with the hammer on the outside which is cocked by simply pressing it back.

The Side Lock
is named for its type of construction: Each lock is mounted on a metal plate, the so-called side plate, either on the right or left side of the receiver. Side locks are held in place by a large pin which runs through the receiver. The pin can be easily unscrewed without using tools. As this type of lock was first constructed by the British hunting weapon manufacturers Holland & Holland, some side lock designs are also called Holland Holland side locks. In our illustration we have shown the inside of a cocked side lock. The hammer, is pressed back and the trigger rod rests in the sear catch. The hammer spring behind the hammer is compressed, that is, it is under tension. — Above the trigger rod which is firmly locked in, lies the so-called sear rod; between this rod and the hammer there is a space of approx. 1 mm. If the trigger rod is released by a shock, the sear rod snaps in. It blocks the hammer so that it cannot strike the firing pin. This is the reason why the side lock with double sear can be considered a safety lock.
When the trigger is pulled in the normal way, then prior to the trigger rod the sear rod is pressed away from the hammer through lever action so that the hammer can strike the firing pin when the trigger rod is lifted out of the catch.

The Blitz Action
is the standard action for drillings and over & under shotgun/rifle combinations. This action has been particularly successful in drillings. In this type of action the hammers, sear springs, triggers rods and trigger are neatly arranged on the trigger plate.

The Anson Action
is a self-cocking action which is most frequently used in double barrel shotguns and in over & under shotgun/rifle combinations. The locks are in the receiver. Consequently the triggers are nearer to the action and have an easier pull than those in the Blitz type action. The gun can be built a little bit shorter. It is easier to handle and is better balanced.

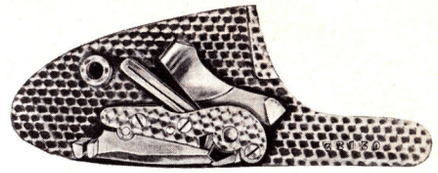
The Single Lock Action
is used in over & under shotgun/rifle combinations. There is only one trigger and one lock for both barrels. The lock is locked separately either by a slide or a lever. The necessary change-over from shot to rifle cartridge is effected by a laterally mounted slide.
The new types of Frankonia single lock over & under shotgun/rifle combinations with automatic safety have no change-over slide as they are equipped with two triggers. When pulling the front or rear trigger, the gun changes automatically to cartridge or shot.

The Model 98 Action
is also frequently called Mauser action after the name of its designers. It was developed in 1898 and is still used in its original form in almost all repeating rifles the world over. This type of action guarantees the greatest strength possible through the bolt lock which locks with three lugs holding the bolt firmly in place. The model 98 action can be produced with three different types of triggers: double pull pressure point trigger, hairtrigger or shotgun trigger as in the BRNO shotgun ZG 47. This trigger can be as finely adjusted as a set hairtrigger. When quick firing is necessary this trigger system is superior to the other two types. The best solution to the trigger problem is the combined shotgun type trigger with backward-set hairtrigger for repeating rifles as developed by Waffen-Frankonia.

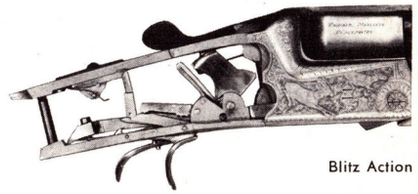
The Mannlicher-Schönauer Action
is used by the Austrian firm Steyr-Daimler-Puch AG in its repeating rifles. The bolt has two locking lugs in front. The Mannlicher action has a drum magazine which feeds the cartridge centrally to the cartridge chamber. The magazine can be rapidly emptied by means of a push button.

The Small Bore Action
with cylinder type bolt lock is in most cases, patterned after the actions of the 98 repeating model and therefore is often called the small Mauser action.

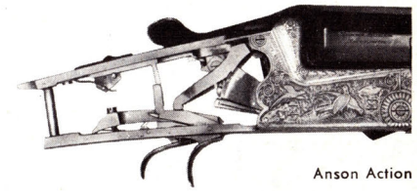
The Falling-Block Action
was formerly very popular in special type rifles for boar hunting and in military rifles. In this type of action, a block which can be moved from bottom to top locks the action.



Side Lock

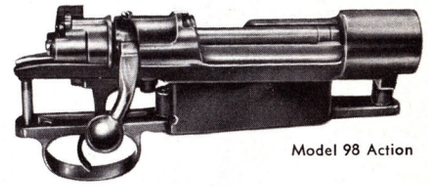


Blitz Action

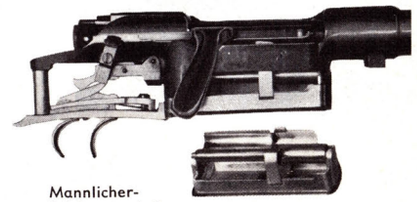


Anson Action

Single Lock Action
of Frankonia-Safety-Over & Under Shotgun/Rifle Combinations



Model 98 Action



Mannlicher-
Schönauer Action

Shotgun Tips

Shooting with a shotgun, which in most cases must be done rapidly, requires good reaction, quick aiming, proper stance, quick decision, precise estimation of distance and correct assessment of game. Finally, the perfectly fitting stock is essential for success. More often than not, we have established that when a hunter misses, the stock is too long or short, or that it has too much or too little pitch. When poor shooting is due to the aforementioned facts, it can easily be corrected by use of a perfectly fitting custom stock. Check the fit of your stock by these exercises: close your aiming eye and swing through as if you intended to shoot at moving game. When you open your eye, you must see part of the rib, and the bead must be positioned exactly in the center axis of the rib. Note that you must always see an equal length of rib — too much means you are shooting too high, too little means too low. You can also make the socalled key test. Place an approximately 2.5 mm thick safety key over the shotshell chamber on the rear end of the rib. The pitch of your gun is correct if, when aiming, the bead sits right on the key. Generally it is better if the gun has a slightly high-shot. The resistance of the trigger, too, is important. A trigger whose pull is too hard can easily lead to over-swinging; if the pull of the triggers is too soft the gun may easily double.

When firing at moving game, lead follow through. Do not stop when squeezing off your shot.

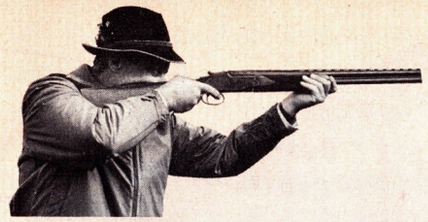
Now some remarks on actual shooting:

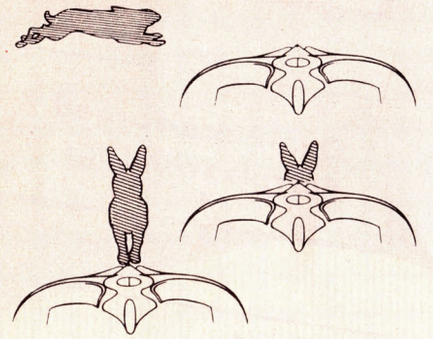
Aiming starts with the feet and stops with the hands and eyes. Often we attach too little importance to the position of the feet. But an incorrect stance is usually the major cause of bad shots when aiming at moving targets. The left foot and leg serve as a pole on which the body weight rests and on which the body pivots when shooting either to the right or left. The right leg must be movable so that it can swing around freely, when a quick change of line of shooting is required. However there are also shooters who let their right leg support their body weight.

The body should be balanced, bent slightly forward at the hips, and, above all, relaxed.

The right hand raises the gun to the shoulder and holds it; the left hand leads and swings the gun. The fore-end of the weapon must rest very lightly in the opened left hand — not too far back toward the triggers, but rather a bit forward. The position of the head is also important. On no account should you draw your head back when shooting, but advance it as if you wanted to see the game better. But in doing so do not lean your head to the side toward the stock, but pull the stock up to the cheek. These are the most important points as far as aiming is concerned. Of course one becomes and remains a good shot only through constant practise. When hunting, one usually shoots at more or less fast-moving game. Thus it is imperative not to shoot directly at the game but to place the shot where the moving game will be when the charge arrives. Never stop swinging your gun but follow-through after pulling trigger. **Lead and follow-through** — this is of utmost importance. Now you ask, how much do I really have to lead the game? There can be no exact answer to this question, because it always depends on the type of game, how quickly it is moving, how far away it is and at what angle to the shooter it is going. The lead on a hare running in front of the shooter from left to right, or vice versa, will be approximately one to two lengths of the hare's body. On a straight oncoming or running away hare one aims at fore-legs or ears, respectively. Consequently leading is a matter of observation, feeling and experience. If you stop leading the moment you fire your gun, i.e. if you do not follow through, the shot will be behind the game despite the fact that you had a proper lead.

Misses often occur because the hunter shoots at game which is too far away. Shotguns are sighted in at a distance of 35 m. This distance guarantees the best distribution in the shot pattern. It is also wrong to shoot at too close range. Probably every hunter has placed a shot on a bird which flushed right in front of him. Surprised, he raised his gun and fired at a very short distance. Most likely the result was either a miss or a bird entirely destroyed by the full charge of pellets. Therefore, when a bird flushes in front of you, the best thing to do is let it fly at least 20 m away and then place a well aimed shot.





Which caliber and which type of shotgun should you buy?

The most popular shotguns are the side by side double barrel and Over/Under double barrel shotguns. These guns are very well balanced because their barrels are for the most part longer than 70 cm which allows the hunter to swing easily at flying or running game. The two barrels with different choke bores guarantee a good distribution of shot both at short and long range. An outstanding shotgun is the BRNO side lock double barrel gun. Please study carefully pages 54 and 55 where this gun is described. It is an elegant, rugged and absolutely reliable side lock shotgun at an unusually reasonable price.

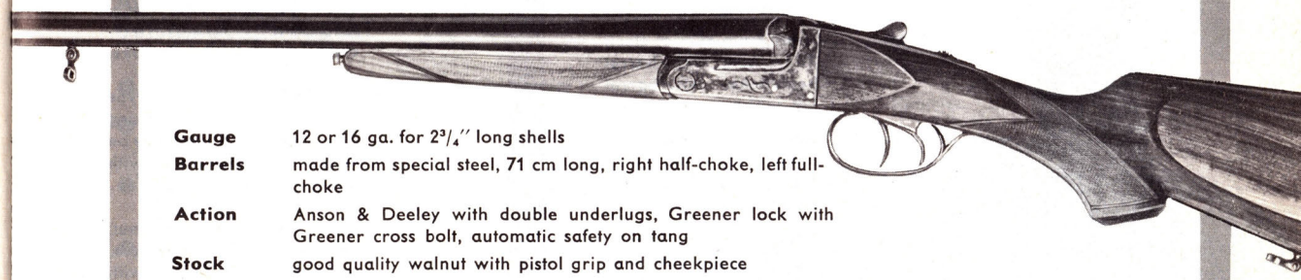
The 5-shot automatic shotgun is ideal for field hunting. Among automatic guns, the Franchi automatic shotgun is preferred because of its stylish design, low weight, reliable functioning and superb shooting performance. The variable choke bore "Poly-Choke", which can be supplied with all Franchi shotguns, allows for nine different muzzle adjustments, so that one has the correct dispersion of pellets for every type of hunting. In the article "Shotshells and Shot Gauges" on page 62 we discuss choice of gauge, pattern percentage, shot effect, etc.

Double Barrel Shotguns

The double barrel shotgun is a light and reliable weapon which permits quick firing of the second shot. In most cases the gun is built with an Anson & Deeley action, a lock construction which was first employed in 1878 and became such a success that the design is used unchanged by most hunting weapon manufacturers. In addition to this type, better double barrel shotguns with side locks are also produced. Apart from the advantages the construction offers, side locks give a weapon a particularly elegant and valuable lock. Exceptionally low-priced is the stylish and easy-to-handle BRNO side lock shotgun (on page 55). Many hunters want double barrel shotguns with automatic ejectors, i.e. a device which automatically throws out the fired shell cases as soon as the action is opened.

Our Lowest Priced Spanish Double Barrel Shotgun

We import this simple Spanish double barrel shotgun because thousands of German hunters have purchased it. If you are not too exacting and are looking for a gun that will stand rough handling, then this is it. The weapon is rugged in design and shoots accurately. It is, of course, not possible to compare its quality with that of the Suhl double barrel shotgun, the BRNO side lock double barrel gun or the Forest double barrel guns. We have been selling this firearm for one year and our customers are fully satisfied. Generally it costs from $ 62.50 to $ 65.00 but as we buy in very large quantities we can offer it at the extremely low price of $ 49.50. This is a discount price, therefore, please do not request any special services. We guarantee: The gun shoots accurately and is in order.



Gauge	12 or 16 ga. for $2^3/_4''$ long shells
Barrels	made from special steel, 71 cm long, right half-choke, left full-choke
Action	Anson & Deeley with double underlugs, Greener lock with Greener cross bolt, automatic safety on tang
Stock	good quality walnut with pistol grip and cheekpiece
Engravings	Fine engravings on colored case-hardened frame
Weight	Gauge 12 approx. 3.2 kg — Gauge 16 approx. 3.1 kg

Export Grade (selected guns) $ 61.25

Price only $ 49.50

Forest
Double Barrel Shotguns

Good quality at a
Price of only $ 82.00

Advantages:

Barrels with lugs demiblock-forged from one piece. This type of forging guarantees highest stability.

The tested Anson & Deeley action with double underlocking lugs and Greener locking.

Considering the price at which this gun is sold the quality is outstanding.

$ 82.00

We purchase the "Forest" double barrel shotgun from one of the best Spanish hunting weapon manufacturers. For years now hundreds of satisfied German hunters have bought this gun. After the war Waffen-Frankonia was the first German firm to import double barrel shotguns from Spain. Always a step ahead — this has always been Waffen-Frankonia's principle. — Good firearms can only be bought from good manufacturers, and quality costs its price.

Gauge	12 or 16 ga. for $2^3/_4$" long shells.
Barrels	made from special steel, 71 cm long, right barrel half-choke, left barrel full-choke.
Action	Anson & Deeley, automatic safety on tang (upon request also with non-automatic safety).
Stock	selected walnut, finished according to German standards.
Engraving	Small game scenes on grey-anodized action.
Weight	Gauge 12 approx. 3.2 kg, gauge 16 approx. 3.1 kg.
Price	**$ 82.00.**

Best Craftsmanship

One-Piece-Forged Barrels with Lugs

Reliable, Rugged and Sturdy Design

BRNO Side Lock Double Barrel Shotguns

It is above all the construction of the side locks which make this gun so valuable. There is a good reason why the best and most expensive shotguns are almost invariably equipped with side locks. And there are other advantages, such as the Purdey type locking and the demiblock forging process.
This process guarantees the highest possible stability of barrels and action, for each barrel with its lug and Purdey nose is forged from one piece, whereas in other weapons lugs and Greener rib extension are soldered to the barrels.

Gauge	12 and 16 ga. for $2^3/_4$" long shotshells.
Barrels	made from Poldi-Elektrosteel, 70 or 72 cm long, respectively, right barrel half-choke, left barrel full-choke.
Action	Side locks with Purdey type locking, double underlocking lugs, automatic slide safety on tang (upon request also with non-automatic safety).
Stock	made from selected walnut, with pistol grip, cheekpiece, checkering, Fore-end with practical Purdey type snap.
Weight	Gauge 12 approx. 3.3 kg, gauge 16 approx. 3.1 kg.
Price	without ejectors **$ 112.00** with ejectors **124.50**

The Purdey type locking, in contrast to the Greener locking mechanism, has the advantage that it has no recess on top of the action. This makes the form of the bascule compact and more attractive.

BRNO
Side Lock Double Barrel Shotgun

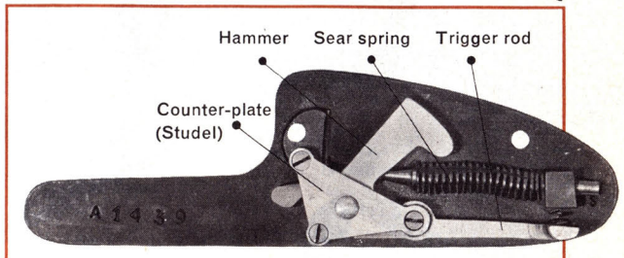
Price $ 112.00

with ejectors $ 124.50

150000 BRNO side lock double barrel shotguns have been sold.

Why is the BRNO side lock double barrel shotgun such an outstanding weapon?

1. Easy setting of triggers, nevertheless great safety.
2. The entire locking mechanism, held by a strong counter-plate (Studel), is firmly fitted to the lock plate.
3. The gun is well balanced with the strong breech box at the center of gravity.
4. The stock is sturdier, as it is not so deeply recessed on the inside.
5. Locks are easily removable for cleaning.
6. Purdey type locking with double underlocking lugs.
7. Barrels with lugs demiblock-forged from one piece.



Side locks and the entire design of the BRNO side lock double barrel shotgun are rugged, sturdy and reliable.

Sauer Double Barrel Shotguns from J. P. Sauer & Sohn, Eckernförde

Sauer

Model Kim

Gauge 12, 16 or 20 ga. for $2^3/_4{}''$ long shotshells.
Barrels made from special steel Bochumer Verein, 72 cm long. Right barrel half-choke, left full-choke.
Action Anson & Deely with double underlocking lugs, with automatic slide safety on tang (upon request also with non-automatic safety).
Stock good walnut, with pistol grip, cheekpiece and checkering.
Engraving Fine hunting-scenes on silver-gray action.
Weight approx. 2.8 kg.
Price $ **145.00**

Model Royal

A light, elegant deluxe shotgun with ejectors, Anson & Deeley action, Greener cross-bolt, action with side plates, automatic slide safety on tang, lateral indicators, ivory bead sight, rich arabesque engraving; action silver-gray or mottled. Stock of the finest walnut, white horn lining under pistol grip cap and butt plate, checkering.

Gauge 12, 16 or 20 ga. for $2^3/_4{}''$ long shotshells.
Barrels from special steel Bochumer Verein, 72 cm long. Right barrel half-choke, left full-choke.
Weight depending on gauge from 2.7 to 2.9 kg.
Price $ **197.50**

Sauer-Double Barrel Shotgun Model Kim

Price $ **145.00**

Sauer-Double Barrel Shotgun Model Royal

Price $ **197.50**

Simson

Double Barrel Shotguns

From Suhl — the German town known the world over for its famous manufacturers of hunting weapons — we buy Simson double barrel shotguns. Each gun is subjected to unusually severe testing as to quality of material and accuracy. A Simson double barrel shotgun is a hunting weapon featuring the proverbial "Suhl quality".

Model 35/70

Gauge 12, 16 or 20 ga. for $2^3/_4{}''$ long shotshells.
Barrels made from special steel, approx. 70 to 72 cm long, right half-choke, left full-choke.
Action Anson & Deely with Greener lock and double underlocking lugs. Automatic safety locks the triggers and the trigger rods. Lateral indicators.
Stock Fine walnut, with pistol grip, cheekpiece and scheckering.
Engraving Simple arabesque engravings, frame of action colored case-hardened.
Weight Depending on gauge 2.9 to 3.1 kg.
Price $ **141.25**

Model 35/70 E

Same model as 35/70, but with ejectors, price $ **168.75.**

Model 74

Same technical data as for model 35/70 but with nice hunting-scene engravings on silver-gray action. Price $ **164.75**

Model 74 E

Same as model 74 but with ejectors, price $ **192.25.**
Similar, but with single-double trigger $ **226.00**
Similar, but with single-double trigger and beavertail forearm $ **235.00.**
Extra for factory-fitted second barrel set $ **98.00.**

Model 76 E

An elegant and particularly finely worked shotgun. Design and weight of this gun are the same as of other models but it has richly engraved side plates. Moreover, it has a silvergray action, indicators, ejectors, a stock of good walnut, arabesque engravings on end of barrel. Price $ **262.75.**

Single-Double Trigger for Simson Double Barrel Shotguns

A selective front trigger consists of two triggers. The front trigger operates both barrels, first the right and then the left while the rear trigger fires only the left barrel. The action is provided with a trigger safety only. Price . . . . . $ **33.75**

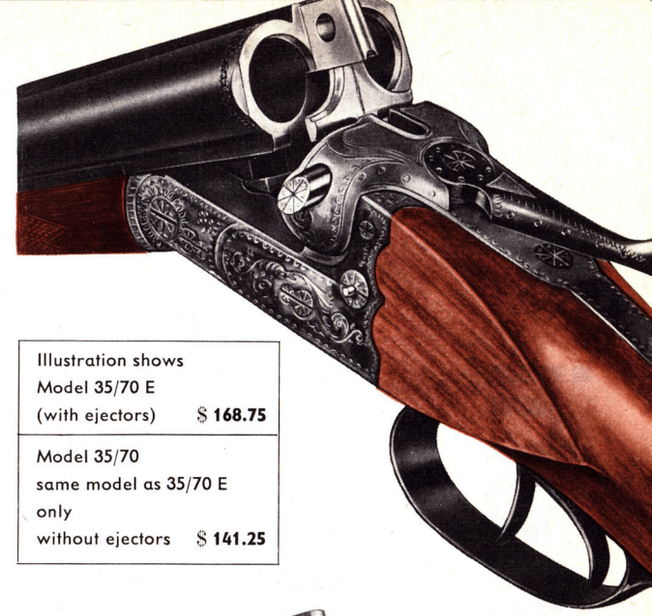


Illustration shows Model 35/70 E (with ejectors) $ **168.75**

Model 35/70 same model as 35/70 E only without ejectors $ **141.25**

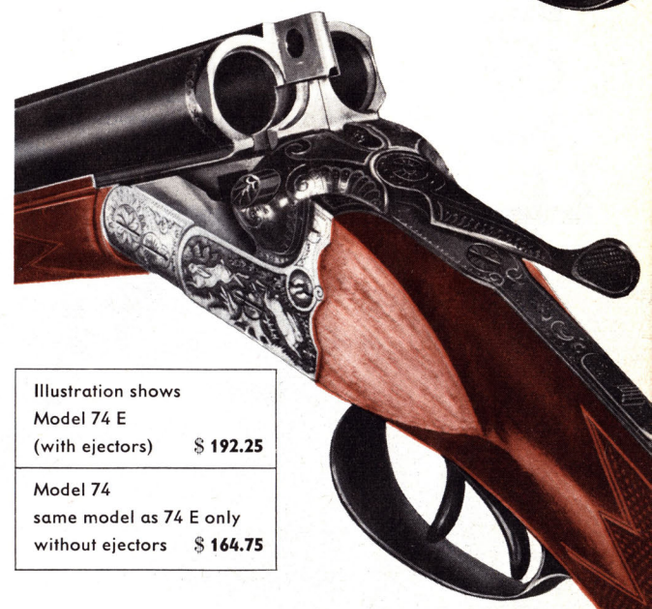


Illustration shows Model 74 E (with ejectors) $ **192.25**

Model 74 same model as 74 E only without ejectors $ **164.75**

Illustration shows Model 76 E (with ejectors) $ **262.75**

Mod. 76 (without ejector) not available.

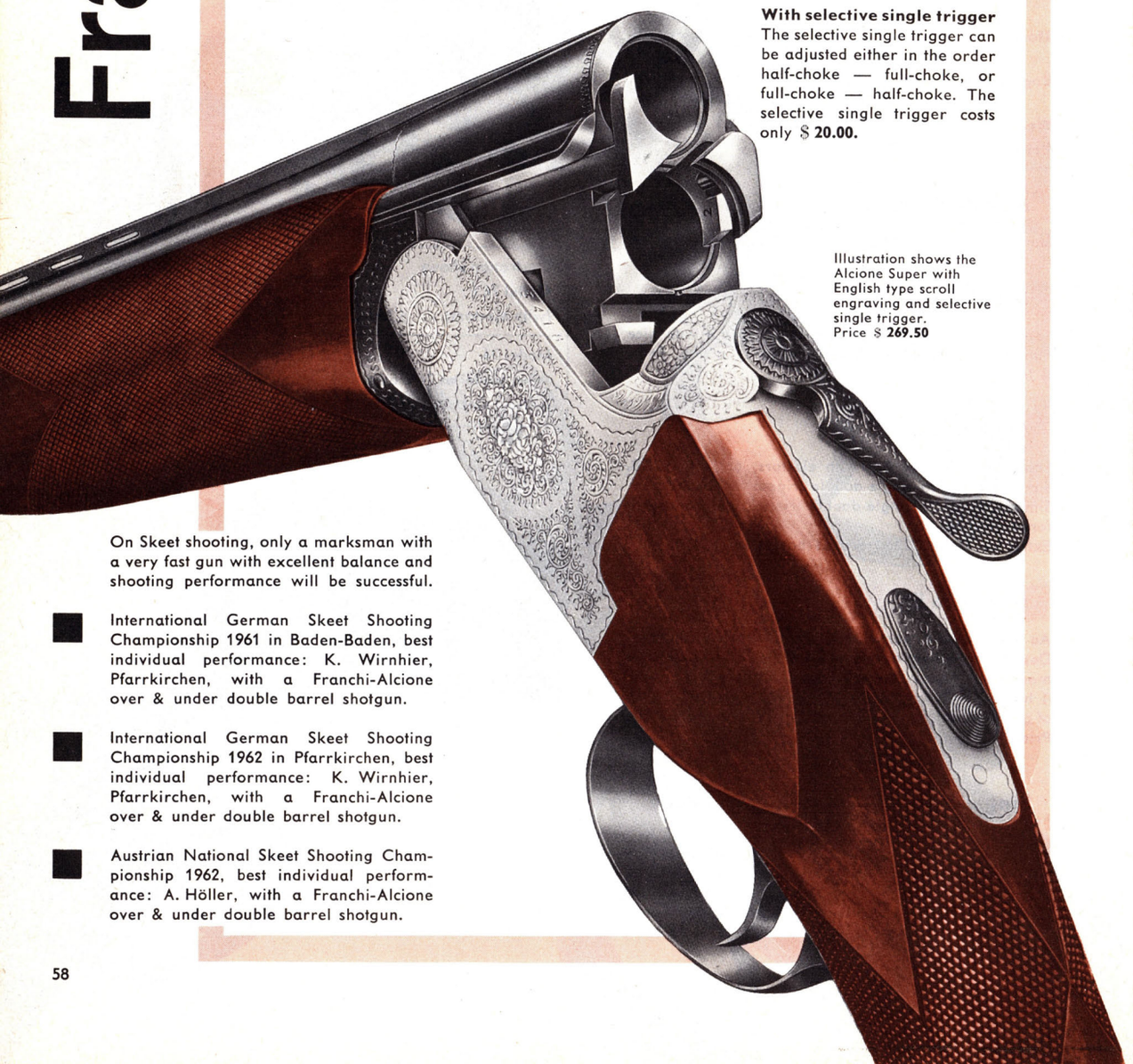
Franchi

Franchi "Alcione" An Over & Under Shotgun With Ejectors

These are the advantages you get from a

Franchi-Alcione:

- Fast pointing because of excellent balance.
- Best shooting performance with uniform pattern.
- Flickering eliminated by ventilated rib.
- No maintenance of barrels as bore is hard chrome-lined.
- Automatic ejectors for quick firing.
- No change from trigger to trigger as gun has selective single trigger (available at slight extra charge).
- High quality workmanship and material.
- Style and elegance (gold medal 1960)
- These are the reasons why so many top skeet shooters use the Franchi-Alcione.
- An unusual gun at an unusual price.



With selective single trigger
The selective single trigger can be adjusted either in the order half-choke — full-choke, or full-choke — half-choke. The selective single trigger costs only $ **20.00.**

Illustration shows the Alcione Super with English type scroll engraving and selective single trigger.
Price $ **269.50**

On Skeet shooting, only a marksman with a very fast gun with excellent balance and shooting performance will be successful.

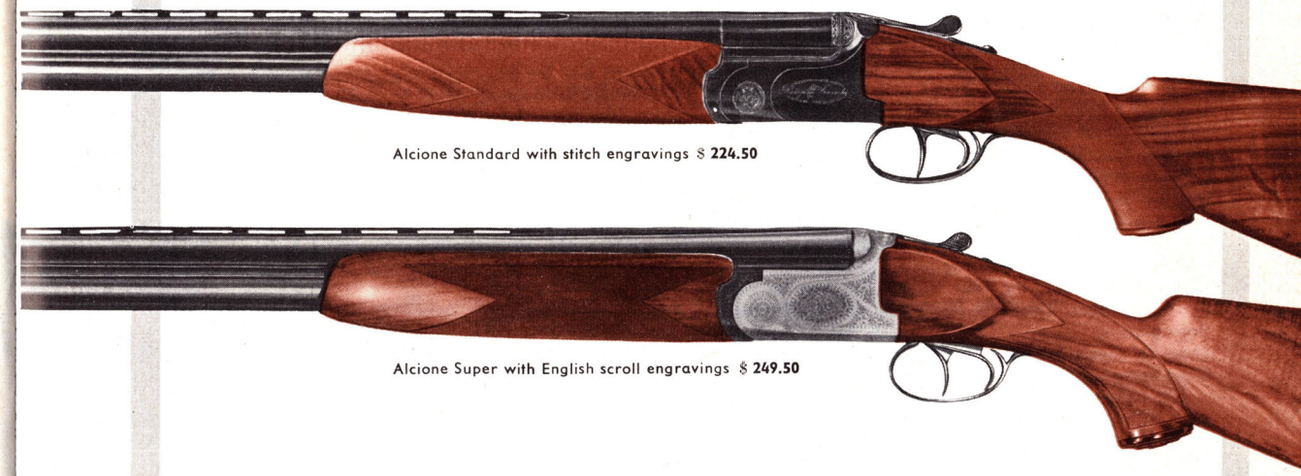
- International German Skeet Shooting Championship 1961 in Baden-Baden, best individual performance: K. Wirnhier, Pfarrkirchen, with a Franchi-Alcione over & under double barrel shotgun.
- International German Skeet Shooting Championship 1962 in Pfarrkirchen, best individual performance: K. Wirnhier, Pfarrkirchen, with a Franchi-Alcione over & under double barrel shotgun.
- Austrian National Skeet Shooting Championship 1962, best individual performance: A. Höller, with a Franchi-Alcione over & under double barrel shotgun.

Over & Under Shotguns

Today as before the war, the over & under shotgun uncontestedly ranks highest in popularity among shotguns. The special advantages an over & under shotgun incorporates are even balance, free line of sight over the barrels, a high, handy fore-end for easier pointing, less recoil and quick zeroing-in on the target before firing the second shot. It is true, over & under shotguns are more expensive than normal double barrel shotguns, but he who has owned such a gun will never use anything else.

The *Franchi* "Alcione", an Over & Under Shotgun with Ejector

Skeet shooting proves it: only a very fast gun with good balance and shooting performance is a winner. This is why so many skeet shooters use the Franchi Alcione Over & Under double barrel shotgun. The hunter like the Skeetshooter, must place a quick shot, then he will have a better bag. — With a Franchi you are three lengths of a hare faster.
The Franchi over & under shotgun "Alcione" is a modern hunting weapon which belongs among the best firearms manufactured today. The interchangeability of all its mechanical parts, its light weight, elegance, perfect balance, the careful execution of the tasteful engravings in the "Super" model, the outstanding shooting performance and uniform shotpattern are the reasons for the great success which the Franchi over & under shotgun "Alcione" has achieved within a very short period of time.



Alcione Standard with stitch engravings $ **224.50**

Alcione Super with English scroll engravings $ **249.50**

Gauge 12 for $2^3/_4$" long shotshells.

Barrels made from English special steel of the firm Vickers Steel Co., demiblock-forged, with ventilated rib, hard chrome lined.

Field 71 cm long, bottom barrel half-choke, top barrel full-choke.

Trap Trap design — 76 cm long, full-choke — full-choke.

Skeet 66 or 71 cm long, both barrels Skeet bore.

Action self-cocking, with underlocking lugs, automatic ejectors, slide safety on tang.

Stock from good walnut, with pistol grip, without cheekpiece.

Weight approx. 3.15 kg.

In addition the various above listed barrel types can also be supplied as interchangeable barrels. Price per pair of barrels $ **137.50.** Extra charge for subsequent fitting $ **15.00.** Extra charge for beaver-tail fore-end $ **15.00.**

Prices:

Model Alcione Standard (with stitch engraving)	$ **224.50**
Model Alcione Super (with English style scroll-engravings)	**249.50**
Model Alcione Standard with single selective trigger	**244.50**
Model Alcione Super with single selective trigger	**269.50**

The BRNO

Over & Under double barrel shotgun	$ 149.50
Skeet over & under double barrel shotgun . . .	162.00
Trap over & under double barrel shotgun . . .	162.00
Skeet interchangeable barrel (66 cm long)	62.50
Trap interchangeable barrel (76 cm long)	62.50
Extra charge for subsequent fitting	12.50

For further details see pages 66/67

The BRNO Over & Under Double Barrel Shotgun

On all the BRNO over & under guns the rear trigger fires both barrels as single non selective.
This is the first over & under shotgun manufactured by precision machinery and not by hand to be fitted with the well known Kersten type lock.
The low production cost is not the only advantage of mass production. The parts of the action, the stocks and also the barrels are interchangeable; new barrels can be fitted to the weapon at any time.
Another advantage: the rear trigger can also be used as single trigger. Thus it is possible to fire the 2nd shot more quickly.
The skeet special model gauges 12/12 for $2^3/_4''$ shells has 66 cm barrels with ventilated muzzle brakes which reduce recoil; both barrels with cylinder bore, which at 25 m produce the same pattern as a barrel with $^3/_4$-choke at a distance of 35 m (45% pattern percentage at 35 m). Weight approx. 3.0 kg.
The trap special model gauges 12/12 for $2^3/_4''$ shells has 76 cm barrels, both with full-choke. Weight approx. 3.2 kg.

Gauge 12 and 16 ga. for $2^3/_4''$ long shells.

Barrels Poldi special barrel steel, 71 cm long.

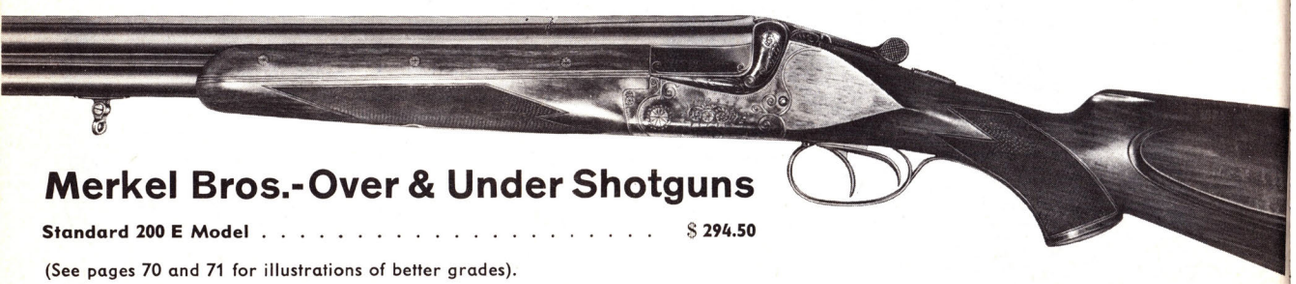
Field 16 gauge 71 cm long, mechanically connected by the monoblock method, $^2/_3$ from the muzzle with soft solder; both barrels full-choke, solid rib.

Trap Barrels for trap shooting, 76 cm long, both full-choke.

Skeet 66 cm long, both barrels have cylinder bore, with muzzle brakes.

Action self-cocking with locks in flank sides, and double Greener cross-bolt. Shotshell extractor (not ejector), trigger safety on trigger guard. Front trigger for upper barrel, rear trigger for lower barrel. The rear trigger can also be used as single trigger for both barrels, i.e. in the order lower/upper barrel. Sear safety.

Stock walnut, with pistol grip, checkering horn butt plate, not cheekpiece. Stock with cheekpiece, extra $ 10.00; custom stocks from $ 22.50 to $ 30.00.



Merkel Bros.-Over & Under Shotguns

Standard 200 E Model . . . . . $ 294.50

(See pages 70 and 71 for illustrations of better grades).

Krieghoff

Not available with ejectors!

Self-Cocking Over & Under Double Barrel Shotgun "Alb-S"

Weight: only ca. 2.5 kg

$ 305.00

Many hunters desire a particularly light weapon. The Krieghoff "Alb" a self-cocking over & under shotgun, is designed with this in mind. Moreover, this gun is easy to handle, elegant in design and absolutely reliable.

The Krieghoff "Alb" is also available with over & under rifle/shotgun interchangeable barrels or as over & under rifle/shotgun combination (see page 68). Self-cocking action — The "Alb" is cocked by breeching the barrels. The gun has a trigger safety on the tang, and a sear safety.

The "Alb" as over & under shotgun, or as shotgun rifle combination can also be had in particularly fine deluxe models. On these models the barrels are made from high quality Boehler Antinit steel, the action has side plates with very beautiful engravings, hunting scenes in deep-relief; the stock is selected walnut with elegant checkering. The extra price for the deluxe model "Primus" is $ 130.00.

Gauge 16 ga. for $2^3/_4''$ long shells.

Barrel made from Boehler special steel, 71 cm, with straight rib, bead front sight, lower barrel half-choke, upper full-choke.

Action light metal, right-side Greener lock and double underlocking lugs. Self-cocking — cocking is effected by breeching the barrels. Trigger safety on tang. On request and at extra charge also with sear safety.

Engraving Rich, arabesque engravings in rich relief on silver-gray action.

Stock selected walnut, with slightly raised comb, horn trigger guard, without cheekpiece. Extra charge for cheekpiece $ 3.00.

Weight approx. 2,5 kg. **Price** $ 305.00.

For illustration of better grades, please see page 70!

Gauge 12, 16 or 20 ga. for $2^3/_4''$ long shells.

Barrel from special barrel steel, approx. 71 cm long, upper barrel full-choke, lower half-choke.

Action Merkel-action with Kersten type lock, lock release, Merkel-ejectors. Slide safety on tang, The front trigger is hinged. Lateral indicators. Lengthwise separated fore-end.

Model 200 E (see opposite illustration)	$ 294.50
Model 201 E (see model 211 E page 70)	353.00
Model 203 E (see model 213 E page 70)	569.00
Model 303 E (see model 313 E page 70)	843.25

Merkel Bros.-O/U Trap Shotguns

Model 200 ET . . . . . approx $ 340.50
Extra charge for single-selective trigger . . . 92.25
Gauge 12/70, barrels 76 cm long, ventilated rib.
Special stock for trap shooting with round pistol grip and without cheekpiece; longer fore-end.

Model 201 ET . . . . . $ 399.50

Model 203 ET . . . . . approx. 613.50
as model ET, but with side locks and rich engravings.

Model 303 ET . . . . . approx. $ 890.50
with richly engraved side locks similar to those of model 303 E, and including the extras mentioned under modell 201 ET.

Merkel Bros.-O/U Shotguns are world-famous for their superior quality!

Shotshells and Shot Gauges

The gauge numbers of shotgun barrels are derived from the English usage. The diameter of a 12 gauge barrel is that of a lead ball 12 of which would make a pound. A 16 gauge barrel has the diameter of a 1 oz. ball, is therefore smaller.

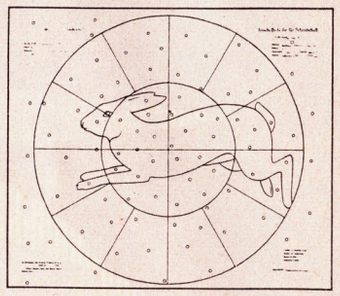
12 gauge is internationally the most commonly used. Compared with 16 gauge, this shotshell has 15% more shot and thus gives the best pattern and highest accuracy of fire — it is the most efficient shotshell for waterfowl and field hunting. Trap shooters use 12 gauge exclusively.

A 16 gauge shotgun is lighter than a 12 gauge; therefore it is preferred in rifle/shotgun combinations.

A 20 gauge weapon has very low recoil. In addition, this gauge firearm is very light and elegant.

In the Federal Republic of Germany shotshell casings are available in two lengths — 65 mm and 70 mm. Nowadays only shotguns with 70 mm long shell chambers are manufactured. The length of the casing refers to the open, uncrimped casing. Finished shells are always 5 mm shorter. For reasons of safety the 70 mm long shotshells are often marked with thick line and the label: 70 mm.

$2^3/_4''$ shotshells can only be fired in barrels which have $2^3/_4''$ shell chambers. $2^1/_2''$ shells should be fired in barrels which have $2^1/_2''$ chambers, although it is possible to fire $2^1/_2''$ long shells in a $2^3/_4''$ long chamber. The Dispersion is often wider then. $2^1/_2''$ and $2^3/_4''$ shells must not be fired alternately, because during firing, powder deposits form on the wall of the chamber in front of the crimped end of the shotshell. If a $2^3/_4''$ shell is fired after a $2^1/_2''$ shell, the crimped edge of the $2^3/_4''$ shell presses into the powder residues of the $2^1/_2''$ shell, as it is longer than the $2^1/_2''$ shell. The result can be that cardboard particles remain in the shell chamber and that, in the course of time, a ring forms. This ring reduces the diameter of the chamber at the point where the barrels begin. Consequently, if $2^1/_2''$ shells are fired in a $2^3/_4''$ chamber, the chamber and barrel must be cleaned thoroughly after shooting. "Solvent" is the cleaning agent which is best suited for this job (see pages 118/19).



Test target for shot (dia. 75 cm) with well distributed pattern (price per target $ **0.20**)

Various pattern percentages are achieved with various choke bores. The choke bores listed below produce approx. the following pattern percentages:

Skeet No.1	40%	Skeet
Cylinder	45%	Snipe
Improved	50%	Rabbit
$^1/_4$-Choke = Skeet No.2	55%	
$^1/_2$-Choke = modified choke	60%	Wood hunting, birds
$^3/_4$-Choke = improved mod. choke	65%	Field, wood, birds
Full Choke	70%	Field, game-birds

The pellet percentage listed is an average value. To establish pattern percentage it is best to open a shell from the package used and count the pellets.

Shell	Weight	2 mm	$2^1/_4$ mm	$2^1/_2$ mm	3 mm	$3^1/_2$ mm	4 mm	$4^1/_2$ mm	shot
12/65	34,5 g	700	495	370	214	136	91	60	pellets
12/70	35,0 g	760	530	390	220	140	94	63	pellets
16/65	28,5 g	580	405	310	180	113	76	52	pellets
16/70	31,0 g	630	430	335	192	123	84	56	pellets
20/65	25,5 g	520	365	270	160	100	68	45	pellets
20/70	26,5 g	545	385	285	164	107	71	49	pellets

Shot performance is judged according to four standards:

1. The pattern of the shots in the circle.
2. The uniformity of the pattern, shot after shot.
3. The density of shot distribution.
4. The penetration power of pellets.

The shots are fired at the internationally agreed distance of 35 m and on targets having a diameter of 75 cm. The pattern achieved depends on the performance of the gun and also on the quality of the shotshell.

Shotguns are judged as to their suitability for various types of hunting on the basis of pattern percentages. A gun with a particularly dense shot pattern is best for water and field hunting, one with medium pattern for normal hunting conditions and a wide dispersion will give best results in wood hunting. In a mixed hunting area, the shooter will have the greatest success with his double barrel shotgun or drilling when one barrel has a widely dispersed and the other a dense pattern.

Shotshell Slugs And Their Accuracy

In Mahrholdt's Waffen-Lexikon Albert Preuss says this about slugs.

"With a slug a hit at a distance of 50 m on a target of 25 cm ⌀ is extremely good. Tests in individual cases must establish which slug produces the best performance. It is not possible to attain the same accuracy with a slug shell as with a rifle cartridge. Therefore slugs must only be considered as an expedient at shortest distance. This states unequivocally and in few words all that needs to be said about slug shells".

Despite this fact, some shooters expect to hit at distances which are simply too great for slug shells. Shotgun barrels are not constructed for slug shells but for shot. Reworking shot gun barrels on an already finished weapon is extremely difficult and can be done only at the expense of good shot shooting performance. Therefore, if particularly good slug shell performance is desired, the only thing we or the manufacturer can do is test-shoot a number of finished or semi-finished firearms. This may entail enormous costs. When a slug shell deviates up to 20 cm, this can be considered "good", and 25 cm as "satisfactory". Deviations of up to 20 cm in the average point of impact are normal.

Automatic Shotguns

The shooter who considers the advantages of an automatic shotgun will easily realize why this gun becomes more popular every year. Unobstructed sight and only one barrel permit faster zeroing-in. In contrast to the double barrel shotgun whose barrels are not positioned in the center, the recoil of an automatic gun hits the stock axially. Because the barrel is in the center, the shooter's line of sight is always on target even when firing several shots. As a result, he can fire more shots more accurately in the same length of time. The contoured fore-end makes pointing easy. Another advantage as compared with double barrel and over & under shotguns is that there is only one trigger, thus no shifting from one to the other. This, too, permits faster and more accurate firing. But not all automatic shotguns are light and elegant in design. The lightest automatic shotgun in the world is the Franchi shotgun. It has many technical advantages and a beautiful, stylish look.

The 5-shot automatic shotgun from the firm of Luigi Franchi, Brescia, Italy

in 20 gauge weighs only 2,4 kg, in 12 gauge only 2.9 kg to 3 kg.

Mechanically it is completely dependable. The sliding lock bolt reduces the recoil. All Franchi shotguns can be supplied with Poly Choke. Poly-Choke provides the hunter with nine different settings for a full range of pattern densities. With slug shells, the Franchi automatic shotgun becomes a light and fast gun for all types of game.

The 5-shot Browning shotgun from the Fabrique Nationale in Herstal, Belgium

The FN-Browning-Shotgun developed in 1905 was the first reliable automatic shotgun. In 12 gauge it weighs 3.75 kg, in 16 gauge 3.55 kg. The extra light model weighs 3.25 kg, in 12 gauge, and 3.0 kg in 16 gauge.

Note:

12 gauge achieves better pattern density and greater accuracy as there is more shot in each shell.
In 20 gauge the number of pellets in 70 mm shells is almost the same as in 16 gauge 65 mm shells. A 20 gauge gun is especially light and has little recoil.

The Browning Automatic Shotgun

Action Reliable autoloading mechanism with magazine for four shells in fore-end, push-button safety.

Stock walnut, with pistol grip, without cheek-piece.

Weight 12 gauge approx. 3.75 kg, 16 gauge approx. 3.55 kg.

Price without rib . . . . . $ **153.75**
with ventilated rib . . . . . $ **170.75**

Extra light model, weights in
16 gauge 3.0 kg, 12 gauge 3.25 kg
5-shot . . . . . $ **192.50**

Gauge 12 or 16 ga. for $2^3/_4''$ long shells. But only shells can be used which, when crimped, are no longer than 63.5 mm ($2^1/_2''$).

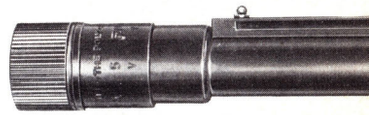
Barrel special barrel steel, length 65 to 75 cm; full-choke.

Extra charge for stock with pistolgrip and sheek-piece . . . . . $ **7.00**
Interchangeable barrel . . . $ **47.75**

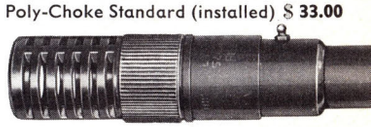
Poly-Choke

the adjustable Choke

All one-barrel-shotguns have the disadvantage that the choke and consequently the dispersion are always the same. But even in a small private hunting preserve with small game, a gun with two different choke bores is needed. For example, in field hunting a gun with a close pattern is needed to take a running hare at long distances. But when hunting in a wood where in most cases shots can be placed at short distances only, the shooter requires a wider dispersion. A wider dispersion is also better when hunting partridges and rabbits. However when hunting ducks, which must be shot at greater distances, a tighter dispersion is more advantageous.
The Poly-Choke solves these problems for all one-barrel-shotguns. Waffen-Frankonia can mount the U.S.-made Poly-Chokes on all one-barrel-shotguns, such as the Franchi automatic, the FN-Browning etc.



Poly-Choke Standard (installed) $ **33.00**



Poly-Choke ventilated and thus reducing the recoil (installed) $ **44.50**

WAFFEN-FRANKONIA is the only weapons company in the Federal Republic licensed by Poly-Choke, Hartford, Connecticut to mount Poly-Chokes.

Franchi Shotguns

the world's lightest shotguns

Weight:

20 gauge only **2.4 kg**
12 gauge only **2.9 kg**

Model "Standard" 48 AL

Gauge 12 or 20 for 70 mm shells.

Barrel Special English steel from Vickers (English Steel Co.), 60 to 76 cm; hard chromelined, full-choke, other chokes on request.

Action Reliable autoloading mechanism with 4-shot magazine in fore-end. Automatic magazine lock makes repeating after unloading unneccessary. The deep-black action is made of a special lightmetal alloy. In 12 gauge, action is also available in steel at extra charge. The weight is then approx. 3.3 kg. Pushbutton safety on trigger guard.

Stock Walnut with pistol grip cap, without cheekpiece; or straight English type stock with sling swivels.

Price $ **149.50**

Model "Hunter"

Same design as Standard 48 AL, but with ventilated rib, light hunting-scene engravings on action and with fine walnut stock.

Price $ **198.25**

Model "Superdeluxe"

Same design as Standard 48 AL, but with ventilated, matted rib, rich arabesque engravings on action and selected, veined walnut stock.

Price $ **237.00**

Extras:

Normal, straight, matted rib	$ **15.00**
Ventilated, straight, matted rib	**23.75**
Stock with pistol grip and cheekpiece	**15.00**
or other stocks made in our workshop to your dimensions and specifications from	$ **22.50** to **30.00**
Poly-Choke Standard	**33.00**
Poly-Choke, ventilated, reducing recoil	**44.50**
Franchi interchangeable barrel without rib	**46.25**
Franchi interchangeable barrel with normal, straight matted rib	**61.25**
Franchi interchangeable barrel with ventilated, straight, matted rib	**70.00**

More than 3000 German hunters own a Franchi shotgun, the world's lightest automatic shotgun...

...and they bought this gun in the internationaly preferred 12 gauge, best for all types of hunting.

As you know a 12 gauge shotshell has approx. 15% more pellets and consequently a better pattern density and accuracy than a 16 gauge shell.

A Franchi Automatic Shotgun means:

- low weight — 12 gauge only 2.9 kg, 20 gauge only 2.4 kg;
- fast aiming through favorable position of center of gravity;
- easy pointing with special fore-end;
- unobstructed sight with one barrel permits fast zeroing-in on target;
- central position of barrel assists shooter to stay on target;
- hard-chrome lined barrel increases durability and produces uniform shot patterns;
- Poly-Choke with nine different settings.

The Poly-Choke has nine different settings ranging from tight to open. For further details on mounting of Poly-Choke, see page 63.

Franchi Shotguns

The Franchi automatic shotgun is fast, light and safe — the ideal gun for bird and small-game hunting.

Today the most delicate measuring instruments are produced with precision machines. Applied to the manufacture of firearms, these methods result in: lower prices, interchangeability of all parts, reliable functioning.

BRNO Over & Under Rifle/Shotgun Combination with Excellent Shooting Performance.

We guarantee a dispersion of only 3 to 4 cm in a group of three rifle shots.

1959: A Sensation in Firearm Engineering — Still Unsurpassed!

BRNO Over & Under Rifle/Shotgun Combination with Interchangeable Barrels

Absolutely recoil proof, reliable BRNO slide-on rifle scope mount fitted	$ 24.50
BRNO over & under rifle/shotgun combination, 12 or 16 ga. $2^3/_4''$ — cal. 7 × 57 R barrel length 60 cm, weight 3.4 kg	199.50
with interchangeable over & under double barrel (70 cm length) 12/12 ga. or 16/16 ga. $2^3/_4''$ Field Model — weight 3.2 kg	249.50
Over & under shotgun, 12 ga. or 16 ga., $2^3/_4''$, weight ca. 3.2 kg	149.50
Interchangeable barrels for over & under rifle/shotgun combinations, 12 or 16 gauge, $2^3/_4''$ — cal. 7 × 57 R	110.00
Interchangeable field barrels for over & under shotguns, 12/12 ga. or 16/16 gauge for $2^3/_4''$ in shells	50.00
Trap interchangeable barrels, 12/12 ga. $2^3/_4''$	62.50
Skeet interchangeable barrels, 12/12 ga. $2^3/_4''$	62.50
Extra charge for subsequent fitting of interchangeable barrels	12.50
Extra charge for double set trigger $ 15.00; subsequently fitted	22.50

Caliber shot 12 or 16 gauge for $2^3/_4$ in., rifle 7 × 57 R, lower barrel shot, upper barrel rifle cartridge.

Barrel Poldi special barrel steel, 60 cm, mechanically connected by the monoblock method, front $^2/_3$ by soft solder. Shot barrel with fullchoke. Solid, raised rib with standing rear sight for 100 m, premilled dove-tail type rail for rifle scope mounting.

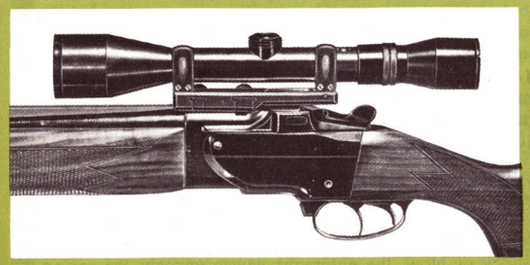
Action self-cocking, with flank lock and Greener double lock — also called Kersten lock. Shell extractor (not ejector), trigger safety (sear safety) on trigger guard, front trigger for rifle barrel, rear trigger for shot barrel. **The rear trigger can also be used as non selective single trigger,** i.e. in the order shot barrel — rifle barrel. (Bottom-Top).

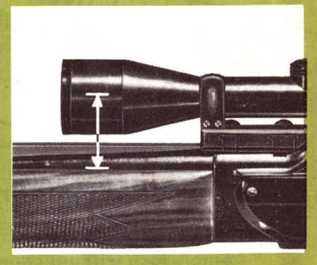
Stock walnut with pistol grip, without cheekpiece, checkering on stock and fore-end, horn butt plate. Extra charge for pistol grip stock with cheekpiece $ 10.00. Extra charge for custom stock from $ 22.50 to $ 30.00.

Shooting performance is the decisive factor in selecting a firearm. Each BRNO over & under rifle/shotgun combination gives outstanding shooting performance. We guarantee a dispersion of only 3 to 4 cm in a group of three rifle shots. The unusually moderate price of the BRNO over & under weapons is made possible through manufacture by precision machines, direct import in large quantities, lowest possible mark up.

But the moderate price is not the only reason for the great popularity of this weapon. Mass-production methods have made all parts including barrels, completely interchangeable, and thus repairs can be made quickly and at low cost.

With the BRNO over & under a hunting weapon was designed which in performance and price is unequalled in its field. For the price of an over & under rifle/shotgun combination, the shooter can buy the BRNO over & under rifle/shotgun combination with interchangeable over & under shot barrels plus rifle scope and mounting. Try it out for yourself.





Pre-milled mounting rail on barrel of over & under rifle/shotgun combination, therefore the low mounting price of only $ 24.50 for lightmetal scopes (without mounting rail) and steel scopes: For light-metal scopes with mounting rails and for variable scopes: $ 2.50 extra.

Favorable line of sight because of the lowest possible mounting. Line of sight over open sights 18 mm, through scope 40 mm over line of bore. The result: Fewer aiming errors.

Rifle Scope Mounting

on the BRNO Over & Under Rifle/Shotgun Combination

Price only $ 24.50

Mounting a rifle scope requires the utmost in precision, care and experience; therefore, it can never be "cheap". The BRNO type mount is not low-priced at the expense of quality but rather because the parts for the scope mounting are pre-worked during production of the weapon. Here again, mass production methods produce lower costs. The mount has a wedge type lock which firmly engages the pre-milled monting rail. Once the scope is sighted-in, this type of mount permits the scope to stay at its original setting for years. The mount is suitable for all steel or light-metal scope tubes with 26 mm center tube diameter, without rail, and (at extra charge) for all 26 mm scopes with rail.

Weight of the BRNO slide-on type mount only . . . . . 110 g

Weight of the Suhl hock-in type mount . . . . . 160 g

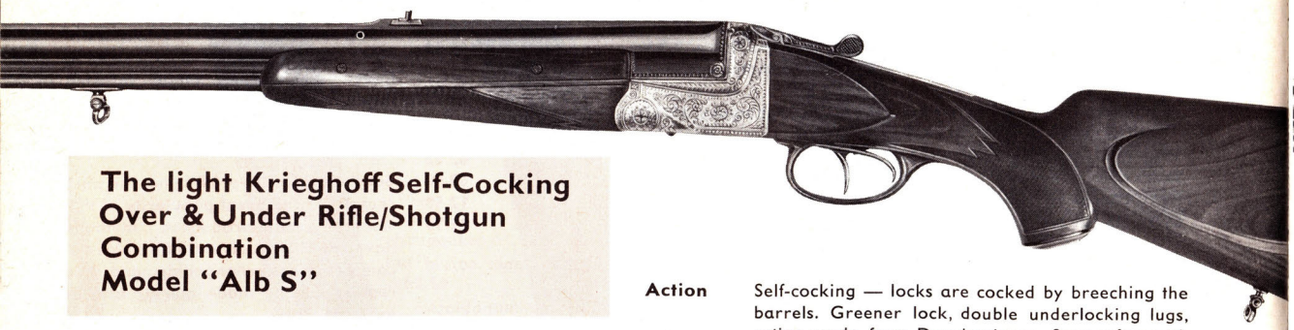
Another advantage: the mount is extremely light. It weighs only 110 g. The mount is made of a tough, absolutely rust-free special alloy with a particularly low specific gravity. The material is approximately 50% lighter than steel of equal strength.

We mount the scope extra low and take advantage of the resulting minimum difference between line of sight and line of bore. This type of mounting reduces possible aiming errors and tilting of the weapon during firing.

Over & Under Rifle/Shotgun Combinations

Compared with a weapon that has side-by-side barrels, an over & under rifle/shotgun combination is much more stylish, elegant and also easier to point. The narrow, high fore-end is handier.

Because of the narrow rib the field of fire is less obscured. Another advantage is the strong locking mechanism which has the underlocking lugs lying exactly on the line of fire. The rifle barrel is embedded in the bottom of the action. The advantage of an over & under combination over the drilling is that a change over from shot to rifle is not necessary. With the over & under shotgun/rifle one has the quick choice between shot or rifle, whereas with the drilling one must first think of the change-over from shot to rifle. A further advantage is the low weight which, depending on model and gauge, ranges between 2.5 and 3.3 kg.



The light Krieghoff Self-Cocking Over & Under Rifle/Shotgun Combination Model "Alb S"

with sear safety **Weight only 2.7 kg**

Caliber Shot — 16 and 20 for 70 mm long shells. Rifle — 5,6×52 R, 6,5×57 R, 7×57 R and against extra charge also 7×65 R.

Barrels Shot and rifle barrels made from Boehler special barrel steel CRG, 63,5 cm long, with matted rib, folding rear sight as cubical sight, with silver bead or square front sight. Shot barrel has fullchoke bore.

Action Self-cocking — locks are cocked by breeching the barrels. Greener lock, double underlocking lugs, action made from Duraluminum. Sear safety with slide on tang. Front trigger can be set (for rifle barrel); indicators.

Stock walnut, with slighty raised comb; horn trigger guard without cheekpiece — with cheekpiece $ **3.00** extra.

Engraving Rich arabesques.

Price $ **347.50** (for extras see page 86/87).

A new Single Lock Over & Under Rifle/Shotgun Combination with Automatic Safety
Weight only 2.3 kg.
Action Blaser

Frankonia Lightweight Model 63

Single lock without change-over, two triggers
Cal. 16 ga. $2^3/_4$″ — .222 Remington Price $ 220.00
Production seriously being considered:
Export Model, "Turkey Gun"
Cal. 12 ga. — .222 Rem. or .222 Rem. Magnum

Price approx. $ 235.00

The advantages of this gun: no changing from shot to rifle, in that it has two triggers. Each barrel is ready to fire instantly. A tested automatic safety device (rocker weight) automatically uncocks the lock if it is exposed to shocks or blows. See also Frankonia single lock over & under rifle/shotgun combinations on page 76.

Most hunting accidents can be attributed to the dropping of the weapon from a high stand or falling down with a loaded gun. In these cases the released shot causes accidents. Such accidents cannot happen with this weapon in that if it is exposed to a shock or blow, the automatic device uncocks the spring of the hammer. The loaded gun is manually-cocked only shortly before firing by a cocking slide.

If one does not fire a shot, it is then possible to pull the cocking slide back and thus uncock the weapon.

Barrel Shotbarrel (full-choke) of Boehler Blitz steel, rifle barrel of Boehler special steel, 60 cm long.
With dovetail-rail for slide-on type rifle scope mount.

Action single lock with two triggers and top cocking slide, light-metal action. Front trigger for rifle barrel, can be set, rear trigger for shotbarrel. Barrels deeply embedded in action which means longer service. Locking lugs.

Engraving elegant engravings on silver-gray action.

Weight only 2,3 kg.

Price for slide-on type mounting of rifle scope . . . . . $ 24.50

The Light Heym Over & Under Rifle/Shotgun Combination

Barrels of both models and action of model 44 N are made from rust-resistant steel.

Model 22 D $ **362.50**

Model 44 N $ **596.50**
with interchangeable over & under double shotbarrels

Charges for Extras are on page 86/87.

Waffen-Frankonia never adds a new weapon to its sales program before it has been thoroughly inspected and tested by our staff of experts. In 1958 the Heym firm of Münnerstadt, brought out a particularly light over & under rifle/shotgun combination. This elegant and easy-to-handle weapon, which weighs only five and a halfs pounds, became a great success.

The low weight (only 2,5 kg) of the Heym over & under rifle/shotgun combination model 22 D makes it a good year round hunting weapon. It has two locks and the front trigger, of course, can be set; moreover, it has a horn trigger guard and a beautiful, dark walnut stock with slightly raised comb.

Another new model which we can recommend to our customers is the over & under rifle/shotgun combination model 44 N with interchangeable over & under shotbarrels.

Heym Over & Under Rifle/Shotgun Combination

Model 22 D

2,5 kg

Caliber Shot — 16 or 20 ga., $2^3/_4$″, rifle — 5,6×52 R, 6,5×57 R, 7×57 R, 8×57 IRS, .222 Remington.

Barrels chrome vanadium steel, 60 cm.

Action Light-metal action steel inlays, Kersten lock and wedge type locking. Folding square rear sight, fine and rough notch, thru-rib.

Stock Pistol grip stock with cheekpiece and slightly raised comb from beautiful, dark walnut, horn trigger guard.

Engraving Tasteful arabesques.

Price $ **362.50.**

Heym Over & Under Rifle/Shotgun Combination with Interchangeable Barrels Model 44 N

Over & under rifle/shotgun combination, weight ca. 2.8 kg.
Price $ **371.50**
Over & under double/barrel shotgun, weight ca. 2.75 kg.
Price $ **417.50.**

Caliber Shot: 16 or 20 ga. $2^3/_4$″. Rifle — .222 Remington 5,6×52 R, 6,5×57 R, 7×57 R, 8×57 IRS or against extra charge 7×65 R and 7×75 R vom Hofe Super Express.

Barrels of rust-resistant chrome vanadium steel, over & under rifle barrels 60 cm, shot barrel chrome vanadium steel, 72 cm long. Rifle barrel is hammered.

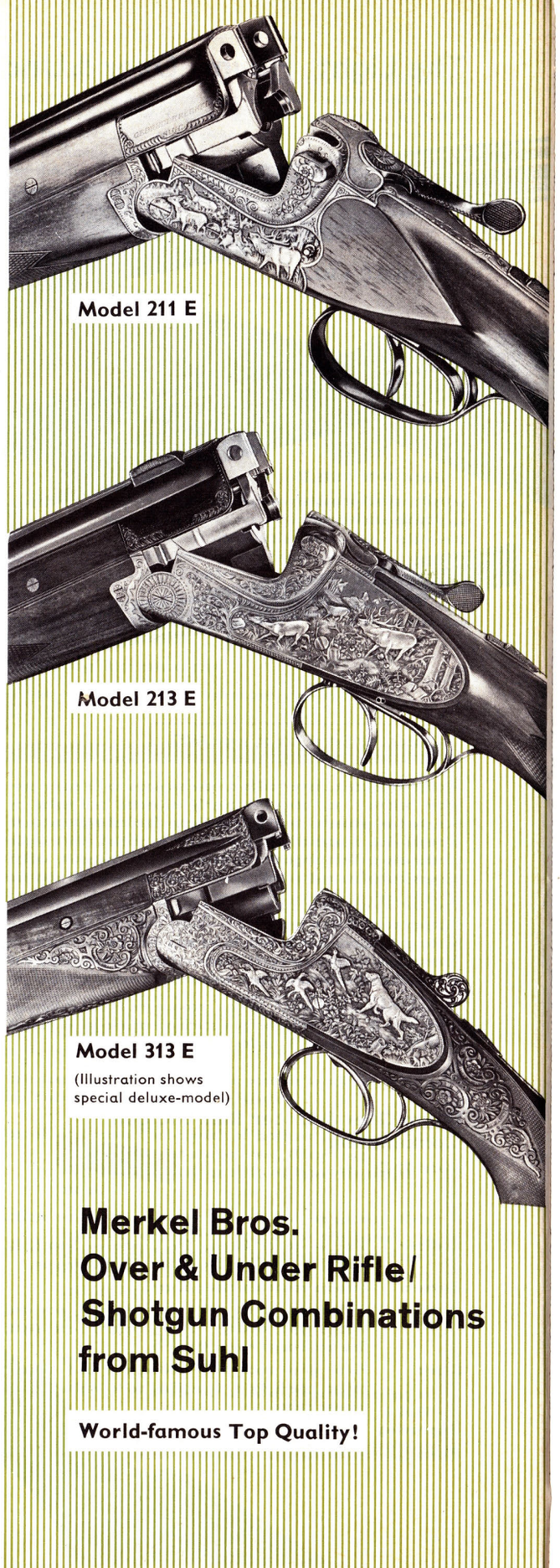
Action Blitz action, with Kersten lock and double underlocking lugs, trigger safety on tang and lateral indicators indicating whether locks are cocked or not. Front trigger can be set. With 2nd fore-end for over & under double shotgun barrels with ejector. Square rear sight with fine notch for rifle, and wide notch for shot or rifle shot on running game. Shotgun barrel has silver bead front sight. Action of chrome molybdenum steel.

Stock Pistol grip stock with slightly raised comb, of good walnut, with checkering, horn trigger guard.

Engraving Tasteful hunting-scenes with arabesque.

Price with interchangeable over & under double shotbarrels $ **596.00.**
Interchangeable over & under double shotbarrels with ejector, subsequently fitted (time of delivery approx. — 6 weeks) $ **245.00.**
Interchangeable over & under double rifle barrels $ **350.00.**

Model 210 E



Model 211 E

Model 213 E

Model 313 E
(Illustration shows special deluxe-model)

Merkel Bros. Over & Under Rifle/ Shotgun Combinations from Suhl

World-famous Top Quality!

Merkel Bros. Over & Under Rifle/Shotgun Combinations from Suhl

For decades now these rifle/shotgun combinations have been known for their especially careful worksmanship. Moreover, they have the advantage that they can be fitted with corresponding interchangeable over & under double rifle barrels. And in addition these weapons are elegant, absolutely reliable and outstanding in shooting performance. The barrels are connected mechanically and with soft solder. Thus they are not exposed to great heat, and remain free of stress and perform especially well.
High-quality Suhl craftsmanship — today as 30 years ago.

Model 210 E

Caliber Shot — 12, 16 or 20 ga. for $2^3/_4''$ long shells. Rifle — 6,5×57 R, 7×57 R, 8×57 IRS, or for an extra charge of $ **13.75** 7×65 R or .30-06.

Barrels Of Boehler special barrel steel, 65 cm long, shotgun barrel full-choke.

Action Original Merkel Bros.-action with Kersten lock and lock release, front trigger can be set, slide safety on tang. Merkel Bros.-ejector with individual shell extractors, lateral indicators. Upon request, ejector can be put out of operation.

Stock walnut with pistol grip cap, checkering and cheekpiece. Fore-end is separated lengthwise.

Engraving Arabesques on colored case-hardened frame.

Weight approx. 2,9 to 3,2 kg.

Price with ejector $ **394.25.**

All of Merkel Bros-over & under rifle/shotgun combinations are provided with a special fore-end which permits fitting of interchangeable barrels without a second fore-end. Extra charge $ **7.25.**

Prices for extras, see pages 86/87

Model 211 E

This model has the same technical data as model 210 E, but has a better walnut stock and beautiful hunting-scene engraving. Upon request, ejector can be put out of operation. Price with ejector $ **453.00.**

Model 213 E

This model has side locks similar to Holland & Holland, sear safety and a right-side shaft for easy removal of side locks without tools. On side plates fine arabesque or at extra charge, hunting-scenes engraving. Otherwise as model 210 E. Price with ejector $ **668.75.**

Model 313 E

With side locks similar to Holland & Holland, sear safety, double underlocking lugs, right-side covered cap for removal of locks without tools. Holland & Holland ejector, elegant arabesque engravings on silver-gray action, rear of barrel and trigger guard. Stock from selected, veined walnut. **Price** $ **961.00.**

Illustration on page 70 shows model 313 E with especially fine engraving, deep-relief, silver and gold inlays and fine stock checkering.

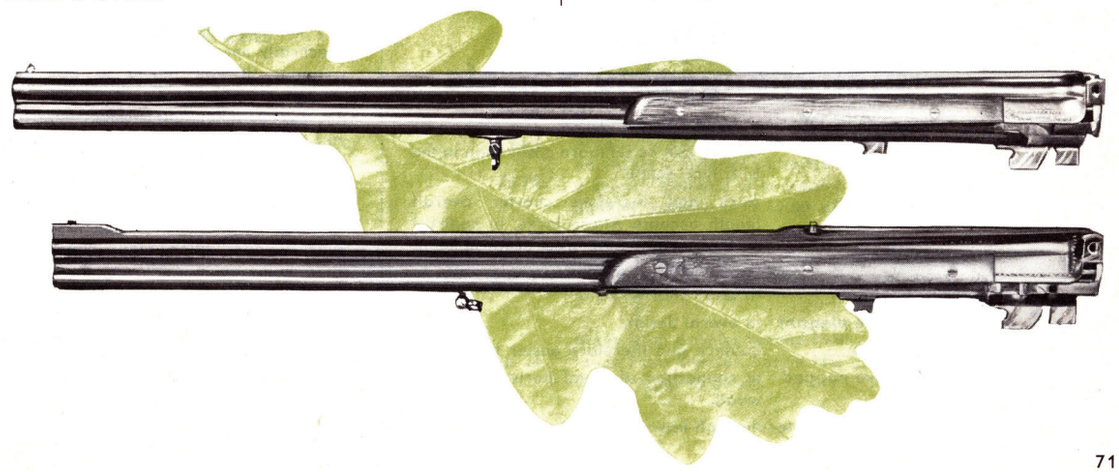
Merkel Bros. Over & Under Rifle/Shotgun Combinations with Interchangeable Over & Under Double Shotbarrels

Model 210/250 E . . . . . $ **559.00**
Model 211/251 E **627.75**
Model 213/253 E **853.25**

Only the over & under shotbarrels have ejector. — Extra charge for ejectors on over & under rifle/shotbarrels of the three listed models is $ **11.75.**

Model 313 E/353 E — both barrel sets have ejectors $ **1196.50**

Please write for our special offer on additional interchangeable over & under rifle/shotbarrels and other combinations, and also for Merkel Bros.-over & under double rifles.



Franz-Sodia
Over & Under Rifle/Shotgun
Combination Model 600 A $ **387.50**

Franz-Sodia
Over & Under Rifle/Shotgun
Combination Model 600 J $ **423.75**

sodia

Anson Over & Under Rifle/Shotgun Combinations and Interchangeable Barrels

better because triggers under equal safety conditions, can be set more easily than in the Blitz type action.

shorter stock and therefore shorter overall length because Anson locks, in contrast to the normal Blitz type actions, lie in the lock box.

lighter through shorter action.

more elegant in overal design.

better balance and therefore easier to handle.

more rugged in connection of metal parts with stock wood.

more durable through less recessed stock.

The hunter who owns an over & under rifle/shotgun combination with interchangeable barrels, perfectly fitting stock and constant shooting performance has, practically speaking two or three special weapons. If you intend to buy interchangeable shotbarrels at a later date, this must be taken into consideration when you order an over & under rifle/shotgun combination as the action must be a little higher and wider for the over & under shotbarrels. However over & under double rifle barrels also fit in to the action of an over & under rifle/shotgun combination. Then however, a narrower firing pin is needed for the upper barrel.

Note: Our foreign customers should purchase their **extra** barrel sets when **ordering** their combination. The subsequent fitting of barrels is paper-wise quite a problem with the customs, etc.

Model 600 A

Caliber Shot — 12, 16 and 20 ga. for $2^3/_4''$ long shells. Rifle — .22 lfB., 5,6×35 R Hornet, 5,6×52 R, 6,5×57 R, 7×57 R, 7×65 R, 8×57 IRS or against extra charge also cal. .222 Remington, .270 Winchester or .30/06 Springfield; in addition 7×75 R, among others.

Barrels Shotbarrel from Boehler Blitz steel; rifle barrel from Boehler special steel, 60 cm long, matted rib, folding rear sight and silver bead front sight. Shotbarrel full-choke.

Action Anson & Deely with Kersten lock, double underlocking lugs, slide safety on tang, front trigger can be set.

Stock Of good walnut with pistol grip cap, fine checkering and German type cheekpiece; upon request, at extra charge also with Bavarian type cheekpiece.

Engraving Light engravings on silver-gray action.

Weight approx. 2.9 to 3.2 kg depending on caliber.

Price $ **387.50**

Model 600 J

Same as model 600 A, but the silver-gray anodized action has tasteful hunting-scene engravings and stock is made from better walnut.

Price $ **423.75**

Model 601

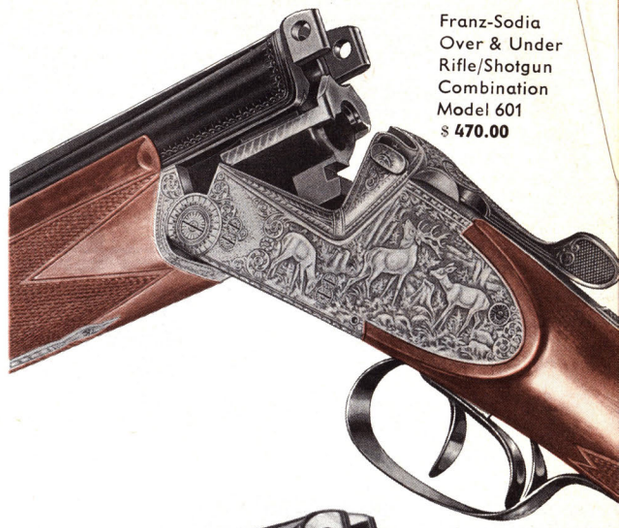
Same as model 600 J, with side plates, or dummy side locks, richly engraved hunting-scenes and arabesque.

Price $ **470.00**

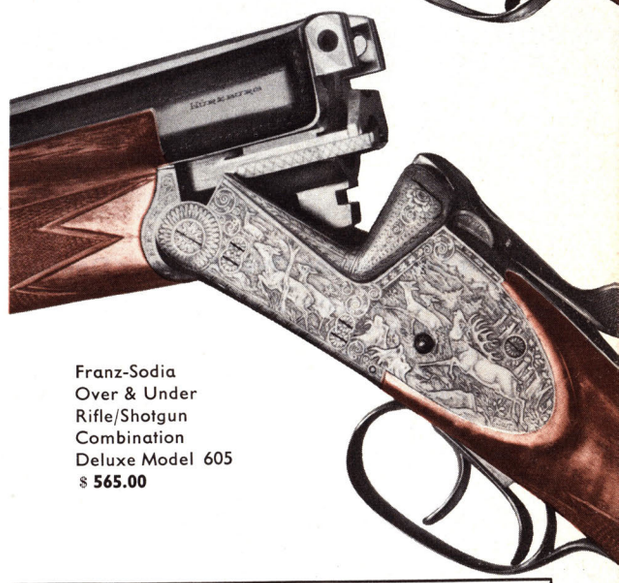
Model 605 - Deluxe Model

A deluxe weapon with richly engraved side lock plates — hunting-scenes and arabesque on silver-gray action, also on bottom of action. Indicators in side plates, separate cartridge extractor; stock from selected, fine walnut root.

Price $ **565.00**



Franz-Sodia
Over & Under
Rifle/Shotgun
Combination
Model 601
$ **470.00**



Franz-Sodia
Over & Under
Rifle/Shotgun
Combination
Deluxe Model 605
$ **565.00**

Charges for extras on pages 86/87.

Interchangeable Over & Under Double Shotbarrel Sets

of Boehler Blitz steel	$ **242.50**
of Boehler special steel	**257.50**
of Boehler Antinit NG	**317.50**
with ventilated rib	**23.75**

If interchangeable over & under shotbarrels with Holland ejector **(extra charge $ 110.00)** are ordered, the other interchangeable barrels can be delivered with ejectors for this fore-end. For these other barrel sets divided ejectors are then necessary. **Extra charge per barrel set $ 42.50.** If the second barrel set is ordered without ejector (to avoid the metallic click), a second fore-end is necessary; price $ **42.50.** In this case the divided ejectors at $ **42.50** are unnecessary.

Interchangeable Over & Under Double Rifle Barrel Sets

These barrels are fitted, proof house fired and sighted-in at 100 m.

Made from Boehler special steel	$ **350.00**
Made from Boehler Antinit NG	**440.00**
Rear trigger to be set	**22.50**

Franz-Sodia Over & Under Double Barrel Rifle . . $ **602.50**
(Write for special brochure on Merkel Bros. Over & Under Double Barrel Rifle).

Franz-Sodia Over & Under Drop Barrel Rifle "Bergstutzen"
with stitch engraving . . . . . $ **573.75**
with hunting-scene engraving **602.50**

Franz-Sodia Single Drop Barrel Rifle "Kipplaufstützen" $ **573.50**

Franz-Sodia-Anson Over & Under Double Rifle Model 630

Caliber 5,6×52 R, 6,5×57 R, 7×57 R, 7×65 R, 8×57 IRS or against extra charge also cal. 5,6×61 R and 7×75 R vom Hofe, 9,3×74 R, .220 Swift, .222 Remington, .270 Winchester, .30/06 Springfield, .300 Holland & Holland, .375 Holland & Holland Magnum with rim, .485 Winchester, or also English big-game cartridges.

Barrels Boehler special steel, 60 cm long, with raised matted rib.

Action Anson & Deeley with Kersten lock and double underlocking lugs, with slide safety on tang. Front trigger can be set. Model 630 has no side plates.

Stock good walnut with pistol grip cap, checkering and cheekpiece.

Engraving Tasteful hunting-scenes on silvergray action.

Weight approx. 3.3 to 4.5 kg depending on caliber.

Price $ **602.50**

Franz Sodia Over & Under Drop Barrel Rifle „Bergstutzen"

Caliber Upper barrel: .22 long, 5,6×35 R Vierling, 5,6×35 R Hornet and .222 Remington. For lower barrel see single drop barrel type "Kipplaufstutzen".

Barrels of Boehler special steel, 60 cm long, with matted raised rib, fixed sight and silver bead front sight.

Action Blitz action with Kersten lock and double underlocking lugs. Slide safety on tang. The bottom rifle barrel is for heavy cartridges and fully embedded in action. The small rifle barrel is designed as rib and therefore can only take cartridges up to Hornet caliber. Both triggers can be set. (When made of Antinit steel .222 Remington can also be used).

Stock very good walnut, with pistol grip and German type cheekpiece, fine checkering, divided fore-end.

Engraving Beautiful hunting-scene engraving on silvergray action.

Weight ca. 2,9 kg

Price $ **602.50**

Franz-Sodia Single Drop Barrel Rifle "Kipplaufstutzen"

A new Franz-Sodia model for the hunter who wants an elegant one-barrel rifle.

Caliber 5,6×52 R, 6,5×57 R, 7×57 R, 7×65 R, or at extra charge also cal. 5,6×61 R and 7×75 R vom Hofe, 9,3×74 R, .222 Swift, .222 Remington, .270 Winchester, 30/06 Springfield, and others.

Barrel 60 cm, of Boehler octagonal special steel, with milled rib, barrel lugs and rib worked from one piece.

Action Anson & Deeley, with bottom rod sear, Kersten lock, double underlocking lugs, slide safety on tang and "hairtrigger", (sear safety).

Stock of very good walnut, with pistol grip fine checkering, German Type cheekpiece, or upon request, at extra charge with Bavarian type cheekpiece.

Engraving Hunting-scene or English style scroll on silvergray action.

Weight ca. 2,8 kg.

Price $ **373.50.**

Charges for extras, see pages 86/87.

Sauer

Over & Under Shotgun Rifles

J. P. Sauer & Sohn AG. of Eckernfoerde, W. Germany, produces hunting weapons which excell through stylish design, low weight, excellent balance, superb shooting performance and, last but not least, moderate prices.
Like the well-known Sauer drillings, the rifle barrels of the over & under rifle/shotgun combinations are manufactured by a special hammering process in which J. P. Sauer & Sohn did pioneer work.

Model BBF

Caliber Shot — 16 ga. for $2^3/_4$" long shells. Rifle — 5,6×52 R, 6,5×57 R, 7×57 R, or at extra charge also cal. 7×65 R.

Barrels of special barrel steel, make Bochumer Verein, with raised, matted rib, leaf sight and silver bead front sight, Shotbarrel full-choke.

Action selected walnut with pistol grip cap, cheekpiece and checkering. Fore-end provided with patent snap.

Engraving Light arabesques on gray, anodized action.

Weight approx. 2,8 kg.

Price $ **320.00**

Model BBF-54 J with Hunting-Scenes Engraving

Model BBF-J has the same technical data as model BBF but instead of the gray-anodized action with light arabesques it has beautiful hunting-scene engravings.

Price . . . . . $ **395.00**

For extras see pages 86/87

Model BBF

Model BBF with Hunting-Scene Engraving

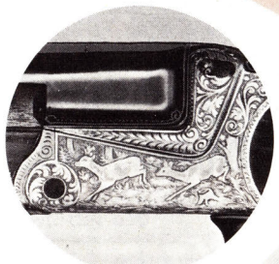
Uncocks automatically when exposed to shocks or other impacts

Single lock without selector - two triggers

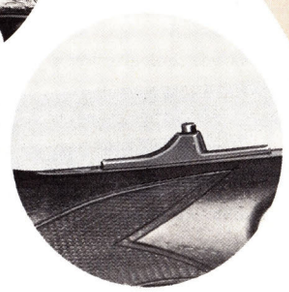
The greatest possible satety is the objective of all hunting weapon manufacturers when designing a new firearm. In the new Frankonia single lock over & under rifle/shotgun combination with automatic safety this objective has been achieved to an precedented extent.

Up to now, single lock over & under rifle/shotgun combinations have had a selector switch to change from rifle to shotbarrels, but this device does not always work faultlessly. Therefore, we have developed a single lock construction which eliminates this fault.

Most hunting tragedies are due to accidentally released shots. Such accidents cannot happen with the Frankonia over & under rifle/shotgun combination with automatic safety. This gun differs from the hitherto known models in the following three essential points:



1. The two triggers eliminate changing from shot to rifle barrel: front trigger for rifle barrel, rear trigger for shotbarrel, single lock action with Kersten locking mechanism.



2. Cocking slide on tang — the loaded gun need not be carried cocked, cocking is necessary only before firing. Gun is uncocked by pressing down the button and sliding back the cocking slide. Gun can be cocked only when action is closed. When locking lever is opened, lock uncocks automatically.

3. Through a novel automatic safety device (rocker weight) the lock uncocks automatically when exposed to shock or other impact. This is an absolutely new technical feature. The shorter design makes pointing especially easy, gives very good balance as gun is held nearer to the center of gravity.

rocker weight

Caliber 16 and 20 ga. for $2^3/_4''$ long shells. Rifle — 5,6×52 R, 6,5×57 R, 7×57 R, or at extra charge .222 Remington.

Barrels Shotbarrel of Boehler Blitz steel, rifle barrel Boehler special steel, 60 cm long, with matted rib, leaf sight and silver bead front sight. Shotbarrel full-choke.

Action Single lock with two triggers and cocking slide on tang, action made from light metal. Front trigger for rifle barrel, rear trigger for shotbarrel. With novel automatic safety which uncocks spring of hammer. Kersten lock, front trigger can be set.

Stock Of good walnut, with pistol grip and German type cheekpiece; upon request, can also be had with Bavarian type cheekpiece.

Engraving Elegant leaf or hunting-scenes on silver-gray action. (Additional price for hunting engraving $ 15.00.)

Weight approx. 2,7 kg. (For extras see pages 86/87).

Price

$ 372.50

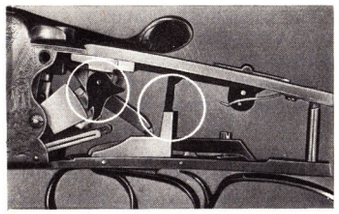
A Remarkable New Construction

Frankonia

Single Lock Over & Under Rifle/Shotgun Combination with Automatic Safety

Frankonia Anson Over & Under Rifle/Shotgun Combination

with Sear Safety



In the Anson action with sear safety not only the triggers but also the hammers are secured and blocked should the sear rods slip out of the catches because of a shock.

Caliber Shot — 12, 16 and 20 ga. for $2^3/_4''$ long shells. Rifle — .22 lfB., 5,6×35 R (.22 Hornet), 5,6×52 R, 6,5×57 R, 7×57 R and with steel actions 7×65 R, or against extra charge 7×75 R and also the American cal. .220 Swift, .222 Remington, .270 Winchester or .30/06 Springfield, and others.

Barrels Shot and rifle barrel from Boehler special steel, 60 cm long, leaf rear sight with silver triangle, shotbarrel full-choke.

Action Anson & Deely with Kersten lock and double underlocking lugs and slide safety on tang for triggers. Additional sear safety. With hairtrigger. Action made from heat-treated light metal.

Stock With slight "slope-away" Monte Carlo effect (upon request also other stock shapes — see page 49), good walnut with pistol grip cap, and German type cheekpiece; upon request, and at extra charge, with Bavarian type cheekpiece.

Engraving Fine oak leaf or hunting-scenes on silver-gray action.

Weight approx. 2.6 to 2.8 kg.

Price

$ 445.00

with steel action
$ 421.50

Frankonia Holland & Holland Over & Under Rifle/Shotgun Combinations

with Interchangeable Barrels

The whole gun, like the side locks, is a major achievement in beauty, safety and smooth functioning, a firearm to be proud of for a lifetime. Moreover, at any time interchangeable over & under shotbarrel sets or rifle barrel sets can be fitted.

Caliber Shot and rifle as listed under Frankonia Anson over & under rifle/shotgun combinations.

Barrels Boehler special steel, shotbarrel full-choke, 60 cm long, with split shell extractors.

Action Kersten lock and double underlocking lugs, slide safety on tang.

Stock of selected, fine walnut root with pistol grip cap, checkering and German type cheekpiece, with divided fore-end. Stock with slight "Monte Carlo effect", or as desired (see page 49).

Weight 2.9 to 3.1 kg.

Price

with Holland & Holland ejector (without interchangeable barrels)	$ 712.50
without Holland & Holland ejector (without interchangeable barrels)	652.50
interchangeable over & under shotbarrels with ejector	237.50
interchangeable over & under rifle barrels with ejector	320.00
for interchangeable barrels without ejector the price is lower by	36.25

Price

$ 652.50

Charges for extras on pages 86/87

Drillings

The development of the drilling spans the period from the first primitive model in 1878 — to the modern, technically sound drillings of today. Innumerable gunmakers and inventors have worked on this universal weapon. Today the drilling satisfies all requirements not only in safety and shooting performance, but also in beauty and weight. The hunter who uses the same weapon year in, year out — (with an insert-barrel the drilling becomes a useful closed season gun) — will become more expert in its handling than the shooter who uses various guns and rifles; outside of the drilling, only an Over/Under shotgun with interchangeable barrels can offer this advantage. The three barrels and three locks do of course make this weapon heavier. Drillings in shotgun gauge 16/70 and cartridge 6.5×57 R or 7×57 R with a barrel length of 60 cm weigh approx. 3.1 kg. Some hunters prefer a lighter combination gun which can also be made up by using light-metal actions and barrels of Boehler-Antinit NG or Boehler Super Blitz steel. The lightest drilling made is the new super-light Franz Sodia drilling model 590 SL which weighs only 2.85 kg and which has a special steel action. This low weight is made possible by using barrels of Boehler Antinit NG or Boehler Super Blitz steel. Its extraordinary rigidity makes a minimum wall thickness and consequently an extra-low, elegant action possible, without neglecting safety.

Sauer, Krieghoff and Frankonia drillings are also available in light metal with barrels of Antinit or Boehler Super Blitz Steel.

Our selection of Drillings Includes:

Sauer-Drillings, which have an alternate rod-type safety device (slide safety) to prevent unintentional firing of second barrel when both barrels fired with the same trigger (dobling). Weight approx. 2.85 to 3.1 kg.

Krieghoff-Drillings. Krieghoff builds special models which for decades have been known as extra safe drillings. They have a click safety device for the rifle barrel and a slide safety device for the shotgun barrels. Depending on design they weigh from 2.8 to 3.2 kg.

Franz-Sodia-Drillings. The models of this well-known Ferlach Hunting Weapon Co. are popular because full consideration can be given to the customer's personal wishes. Franz Sodia drillings are equipped with alternate slide safety devices, and depending on design and caliber weigh approx. 2.7 to 3.15 kg.

Suhler drillings. In shooting performance, careful workmanship and design these easy-to-handle rifle/shotgun combinations carry on the old Suhler tradition interrupted by World War II. Weight approx. 3.1 kg.

Frankonia drillings are 50% manufactured respectively finished, in our own workshops. Here we take advantage of the knowledge our weapon experts and specialists have gained from hunting discussions with our customers and manufacturers, and in the workshop. Your special requirements can of course also be taken into consideration.

A final word on the length of the barrels. Generally the barrels of a Drilling are 60 cm long bacause this length gives the best proportion for easy handling, efficiency and shooting performance. But we can also supply other barrel lengths. For a caliber 7×65 R rifle barrel, a length of 65 cm is better, as then the muzzle-flash is less dazzling.

An "Antinit" drilling with all the advantages of rust-resistant and burst-proof Boehler-Antinit NG Nickel Barrel Steel at a moderate price. The high-quality steel of all three barrels extends the life of the drilling. The action, is also made of rust resistant steel.

Frankonia-Drilling
Model S-Antinit

A light, easy-to-handle weapon.
Low weight: from 2.85 kg in 16 gauge
Caliber 7×65 R at no extra charge.

Price
$ **395.00**

Gauge and Caliber
16 ga. 70 mm ($2^3/_4$") long shotshells, rifle cartridges: 6,5×57 R, 7× 57 R, 7×65 R, and at extra charge $ 15.00. .222 Remington, .243, .270, .308, .30-06 and 7× 75 R Super Express vom Hofe.

Barrels All barrels rust-resistant Boehler Antinit NG Nickel barrel steel 60 cm long, with straight, matted rib, right shot barrel half-choke, left shot barrel full-choke, rifle barrel hammered, caliber 7×75 R 65 cm long.

Action Blitz action with Greener cross bolt and double under locking lugs, Greener side safety, safety selector on tang changes from rifle barrel to shot barrels; automatic leaf sight, front trigger with "hair" trigger setting, rust-resistant triggers, action of rust-resistant steel, side plates.

Stock selected walnut, with pistol grip, cheekpiece and comb, oil-polished, horn trigger guard, forend and pistol grip with carefully carried out checkering, forend with patent snap.

Engraving Arabesques on silver-gray action.

Model 3000

Caliber Shot 16 ga. for $2^3/_4$" long shells. Rifle — 6,5×57 R, 7×57 R, 7×65 R.

Barrels Special barrel steel of Bochumer Verein, 60 cm, cal. 7×65 R only 65 cm long (extra charge $ **15.00**) with flat, matted rib, right shot-barrel half-choke, left full-choke. Rifle barrel hammered.

Action Blitz-action with Greener side locks and double under-locking lugs, Greener side safety. Change-over from shell to cartridge by a locked slide on tang in connection with alternate safety for the rifle lock or right shot lock, respectively. Automatic rear sight, separate cartridge extractor, indicators for all three barrels on top beside bolt lever, front trigger can be set. Side plates.

Stock From selected walnut with pistol grip cap, fine checkering and cheekpiece. Fore-end with patent snap.

Engraving Rich arabesques on silver-gray action.

Weight approx. 2.9—3.0 kg.

Price $ **347.50.**

Model 3000 Deluxe

Same as Model 3000, with finer stock wood, white spacer at butt plate and pistol grip cap, tasteful engraving, trigger guard of natural horn.

Price . . . . . $ **397.50**

Sauer Drilling "DUR"

Light metal action, weapon weighs only 2.8 kg.

Extra price . . . . . $ **37.50**

Sauer Drilling "ANT"

Barrels from Boehler Antinit NG steel. Its extraordinary strength allows thinner walls and so weapon weighs less.

Extra price . . . . . $ **50.00**

Sauer Drilling Model "DUR ANT"

Light-metal action, barrels of Boehler Antinit NG steel, weapon weighs only 2.75 kg.

Extra price . . . . . $ **87.50**

Sauer-Drillings

are light, reliable hunting weapons. These models, known for decades, have been constantly developed and improved.

Model 3000
$ **347.50**

For additional charges and extras see pages 86/87

Model 3000 Deluxe
$ **397.50**

Franz-Sodia-Drilling
Model 510 $ **387.50**

Franz-Sodia-Drilling
Model 511 $ **423.75**

Franz-Sodia-Drilling
Model 519 $ **560.00**

Franz-Sodia-Drilling Model 590 SL
with special steel action $ **580.00**

Steel — and yet light
weighs only approx. 2.85 kg

Frankonia-Bock-
Drilling $ **645.00**

If you do not go in for small hunting, and normally could get by with an over & under rifle/shotgun combination, or if you would like to have an exclusive all-around weapon along with your double barrel shotgun, you may want to choose a bock drilling. This weapon, like the four barrel rifle or "Vierling", takes large and small cartridges, but only one shot barrel. The small rifle barrel is to the right of the shot barrel between the shot and larger rifle barrels.

Caliber same as in Frankonia over & under rifle shotgun combination: light cartridges .22 lfB., .22 Hornet and against extra charge .222 Remington.

Franz-Sodia-Drilling Model 510

Caliber Shot 12, 16 or 20 ga. $2^3/_4$". Rifle — 5,6×52 R, 6,5×57 R, 7×57 R. 7×65 R, 8×57 IRS and others against extra charge (e.g. 7× 75 R),

Barrels Shotbarrels of Boehler Blitz steel, rifle barrels of Boehler special steel, 60 cm right barrel half-choke, left barrel full-choke.

Action Blitz action, Greener safety, double underlocking lugs. Change-over from shot to rifle-barrel by push-button slide on tang in connection with shifting sear safety for rifle or right shot lock, automatic rear sight. Front trigger can be set, Greener side safety.

Stock Fine walnut with cheekpiece and checkering.

Engraving Fine edge stitch engraving with scrolls on silver-gray action.

Weight Approx. 3.05 up to 3.15 kg. **Price** $ **387.50**

Franz-Sodia-Drilling Model 511

Same as Model 510. Silver-gray action with finer hunting-scene engraving and stock of finer walnut wood. Price $ **423.75.**

Franz-Sodia-Drilling Model 519

Same as model 510, with indicators on the side for shot, on top for rifle and with separate cartridge extractor. Very fine hunting-scene engravings on side plates also on bottom of action. Stock of selected walnut root, horn trigger guard with metal inlay. Price $ **560.00**

Light-Weight Model

The shooter who would like a light and handy weapon can also find a drilling to suit his taste. For this purpose light-metal is used in the action. Experience has shown that the strength of light-metal actions is more than adequate. The parts which are exposed to greater friction are reinforced by steel inlays. Extra charge $ **33.75**

Antinit Model

Hunters who desire very good barrel-steel and a lesser reduction in weight will choose barrels of Boehler Antinit NG steel. This barrel-steel is especially strong and permits thinner walls reducing the weight by approx. 100 g. Extra charge $ **73.75**

Franz-Sodia-Side-Lock-Drilling . . . . . $ **875.00**
A valuable weapon made entirely to your specifications. Please write for spezial offer. Waiting period 10 to 12 months.

Franz-Sodia-Drilling Model 590 SL

Steel-Superlight

extra light and yet with steel action. Barrels of Boehler Super Blitz steel allow the construction of thinner barrel walls and an especially low action to reduce weight. Otherwise like model 511. Weapon weighs only 2.85 kg. This drilling is ideally balanced, allows quick pointing and is as easy to handle as an over & under. Price $ **580.00**

Frankonia-Bock-Drilling

Barrels Boehler special steel, 60 cm long, shot barrel full-choke, small rifle barrel of Antinit with caliber .222 Remington.

Action Blitz action with 3 locks, with Kersten lock and double underlocking lugs. Change-over by means of a push-button slide on tang. Greener side safety, front trigger can be set for both barrels.

Stock Fine walnut with pistol grip cap, cheekpiece and checkering.

Engraving Fine hunting-scene or oak leaf engraving on silver-gray action.

Weight approx. 3.0 up to 3.3 kg. **Price** $ **645.00**

sodia

Further extras on pages 86/87

Engraving
approx. $ **28.75**

incl. side-plates
approx.
$ **75.00**

Price for
engraving
$ **87.50**

Engraving
approx.
$ **250.00**

Krieghoff

Safety Drillings

The H. Krieghoff Co. specializes in the manufacture of drillings. Their various special models have extra safety features.

- All Krieghoff Drillings have a hammer safety for the rifle barrel and a sear safety for both shot barrels.
- The slide safety on the tang of drilling model "Super" is a type of safety which is usually installed in double barrel shotguns. A small lever under the lock plate changes the firing from shot to rifle.

  The separate rifle lock cocking device of model "Trumpf" is operated by a cocking slide on the tang. This permits the carrying of the drilling with loaded rifle barrel uncocked. The rifle lock is then cocked just prior to firing.
- Horn trigger guard and 63.5 cm long barrels at no extra charge.

Model "Waldschütz"

Caliber Shot — 12 or 16 ga. for $2^3/_4{}''$ long shells, and, at extra charge, 20 gauge.
Rifle — 5,6 × 52 R, 6,5 × 57 R, 7 × 57 R, or at extra charge ($ 15.00) 7 × 65 R, .222 Rem., .243, .308, .270 Win., .30-06.

Barrels Boehler Blitz CRG, 63.5 cm long. The right barrel is half-choke, the left barrel full-choke.

Action Blitz action with Greener lock, double underlocking lugs, change-over from shot to rifle by a blocked slide on the tang which is connected with the rifle hammer safety and automatic rear sight. The lateral safety or Greener side safety locks only the shot barrels, so that it is possible to fire the rifle barrel with secured shotbarrels, and the shotbarrels with secured rifle barrel. Three indicators on top, separate rifle extractor, front trigger can be set. Triggers of nonrusting steel.

Stock walnut, with cheekpiece and horn trigger guard.

Engraving Tasteful arabesques.

Weight Approx. 3.1 kg.

Price $ **372.50**

Model "Super"

Same technical data as model "Waldschütz" but with slide safety on tang as is normal with double barrel shotguns. Also, the change-over device is operated by a small lever under the locking lever.

Price . . . . . $ **392.50**

Model "Trumpf"

Same technical data as model "Waldschütz", but with separate rifle cocking device operated by a locking slide on the tang. The "Trumpf" can be carried with loaded rifle barrel but uncocked. The cocking slide cocks the rifle shortly before firing.

Price . . . . . $ **427.50**

Model "Trumpf-Primus-Dural-Antinit"

Same as model "Trumpf" but with barrels made of Boehler Antinit NG, action in Dural light metal, side plates, hunting-scene engraving, stock from selected grained walnut with checkering.

Price . . . . . $ **595.00**

Krieghoff Insert Barrels

Caliber .22 l.r. and .22 Winch. Magnum
The Krieghoff insert barrel turns your rifle/shotgun combination or double barrel shotgun into a cal. .22 rifle.

Cal. .22 l.r. Normal $ **15.00** Extra* $ **17.50**
Cal. .22 Winch. Magnum Normal $ **17.50** Extra* $ **21.25**

* Extra = Insert barrel with selected shooting performance.

Fitting and sighting-in with normal sights

in cal. .22 l.r. $ **5.50** Sighting-in distance 50 m
in cla. .22 Magnum $ **7.50** Sighting-in distance 75 m

In drillings the insert barrel is fitted in the right shotbarrel to make use of the hairtrigger. The barrel can only be fitted for either rifle scope or open sights firing. If the shooter intends to use both rifle scope and open sights, an additional leaf rear sight is necessary; extra charge including sighting-in $ **5.00.** When using open sights with the drilling, a catch must be installed which supports the leaf sight when changing over to shot (insert barrel). Price $ **3.00.**

A .22 Cal. l.r. insert barrel can be fitted to almost all shotguns; .22 cal. Magnum only if the firing pins of the weapon are screwed in separately, as is the case with almost all rifle/shotgun combinations. On double barrel shotguns this work can also be carried out subsequently.

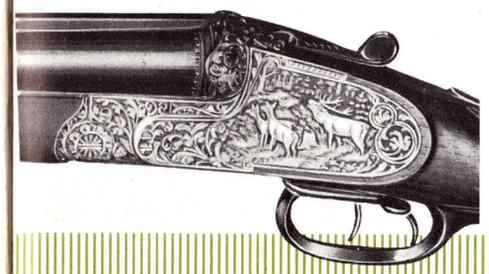
In 16 ga., insert barrels are available for right and left shotbarrels, in 12 ga. for right shotbarrels only. In over and under firearms, insert barrels for the left barrels are used only.

Powder Charges of Cartridges .22 l.r. for Insert Barrels

	Cartridge	Bullet type	Bullet length mm	Bullet Weight g	Make	Velocity in m/sec V_0	V_{50}	V_{100}	Impact energy in m/kg E_0	E_{50}	E_{100}	Point of impact in cm to line of sight with O shot in the black: With open sights 25 m	50 m	100 m	150 m	with rifle scope 25 m	50 m	100 m	150 m	Gas pressure in atm.	Price per box of 50 cartridge $
	.22 l.f.B. Marke R	lead bullet	11.8	2.55	RSW	330	302	278	14,2	11,8	10,0	+2,1 +8,2	O +12,5	—25,0 O	—81,0 —44,5	+0,6 +6,6	O +11,0	—22,0 O	—75,0 —43,0	1300	**0.88**
*)	**.22 Winch. Magnum**	Copper hollow soft point	12	2.6	Winch	609,6	505,9	423,6	49,1	33,9	23,5	+ — O	+ 1,8	O	—17,0	+1,5	+3,0	O	—19,0	ca. 1600	**3.50**

* The data given for cartridge .22 Winchester-Magnum are approximate.

Charges for extras on pages 86/87



Krieghoff Side Lock Drilling

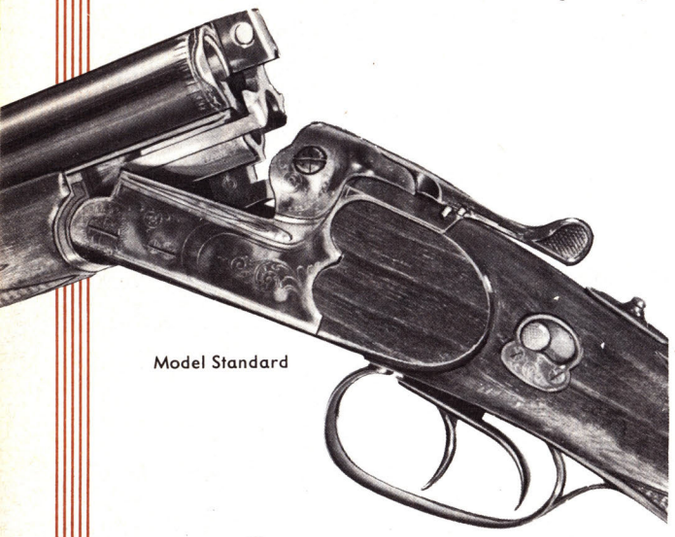
Model Neptun

This is the most valuable side lock drilling built by the firm Krieghoff. Please write for details.

Price of model Neptun T . . . . . $ **702.50**

Suhl Drillings

It is necessary to have confidence in a weapon and a Suhl-made drilling justifies this confidence from the very first moment on. For decades "Suhl craftsmanship" has been a household word for careful workmanship, superb shooting performance and elegant design.



Model Standard

Suhl Drilling Model Standard

Caliber Shot — 16 ga. for $2^3/_4''$ long shells. Rifle — 6,5×57 R, 7×57 R, at extra charge also 7×65 R.

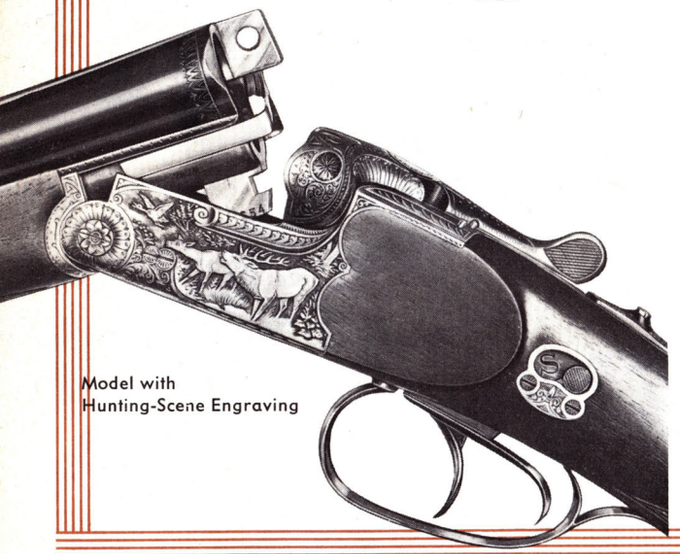
Barrels special barrel steel; 60 cm long, with cal. 7×65 R 65 cm long. Right shotbarrel half-choke, left barrel full-choke bored. Barrels longer than 60 cm (with cal. 6,5×57 R and 7×57 R) extra charge $ **11.75.**

Action Self-cocking Blitz type with Greener lock and double underlocking lugs, with blocked change-over from shot to rifle by a slide on tang connected with automatic rear sight; indicators on top, Greener side safety, front trigger can be set.

Stock walnut with pistol grip cap, checkering and cheekpiece.

Engraving Arabesque engravings on colored case hardened action.

Weight approx. 3.05 kg. **Price** $ **323.50.**



Model with
Hunting-Scene Engraving

Suhl Drilling

with Hunting-Scene Engraving

Same technical data as drilling model Standard, but with beautiful hunting-scene engraving, finer stock wood and separate extractors.

Price . . . . . $ **363.50**

Extra Charge

for cal. 7×65 R **13.75**

Special Offer

for our customers abroad:

We are offering a limited supply of famous Suhl drillings,

SIMSON-brand, in **12** ga. $2^3/_4''$ and rifle caliber **.30-06** Springfield

barrel lenght 65 cm ($25^1/_2$ in.), weight approx. 3,4 kg ($7^1/_2$ lbs.).

These drillings are of the better grade with nice hunting scenes engraving, as illustrated above.

Export Price . . . . . $ 371.00

(extra charges for .30—06 cal. and rimless cartridge extractor included)

Upon request, this drilling can be equipped with any of the listed scopes (pages 24—29) and hook-in type mounting.

We recommend **Kahles Helia Variable Scope 2,3—7 power Steel Model 27/S2** with elevation and windage adjustments, reticule No. 4

Export Price . . . . . $ 73.90

Hook-in type mount incl. sighting-in 44.10

Total price of gun fitted with Kahles scope . . . **489.00**

(The 10% export discount is already included).

Caliber Shot ga. 12, 16 and 20 ga. for $2^3/_4''$ long shells. Rifle .22 l.r., 5,6×35 R (.22 Hornet). 5,6×52 R, 6,5×57 R, 7×75 R, and also the American cartridges .220 Swift, .222 Remington, .270 Winchester or .30/06 Springfield.

Barrels Shot and rifle barrels are of Boehler special steel, barrel length 60 cm, with automatic rear sight and clear silver triangle.

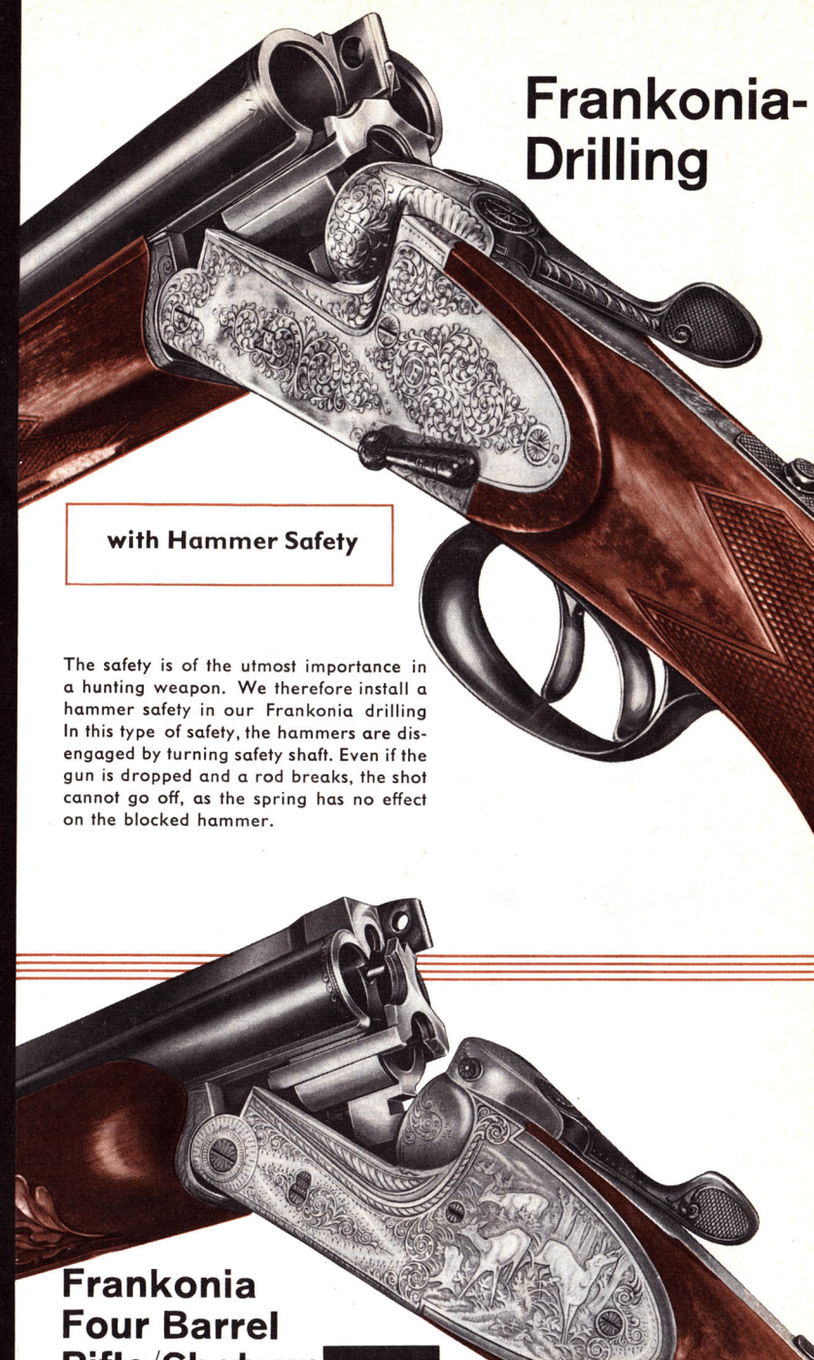
Action Self-cocking Blitz type, steel action, dummy side plates, Greener lock and double underlocking lugs with hammer safety, which for all three locks is operated by a lever on left-side plate. Slide rifle/shot selector on small of stock in connection with automatic rear sight; with hairtrigger.

Engraving Arabesque or hunting-scene engraving.

Stock from selected walnut. With slightly raised comb (Monte-Carlo effect), other stocks available on request. See page 49.

Weight approx. 3.1 to 3.25 kg.

Price $ **498.50.**



Frankonia-Drilling

with Hammer Safety

The safety is of the utmost importance in a hunting weapon. We therefore install a hammer safety in our Frankonia drilling In this type of safety, the hammers are disengaged by turning safety shaft. Even if the gun is dropped and a rod breaks, the shot cannot go off, as the spring has no effect on the blocked hammer.

Charges for extras on pages 86/87

Caliber 12, 16 or 20 ga. for $2^3/_4''$ long shells. Large caliber — 5,6×52 R, 6,5×57 R, 7×57 R 7×65 R, 8×57 IRS, or others; light cartridges — .22 long rifle, .22 Hornet and .222 Remington.

Barrels Boehler special steel, 60 cm long. The two shotbarrels are half-choke and full-choke bored. Small rifle barrel of Boehler Antinit steel.

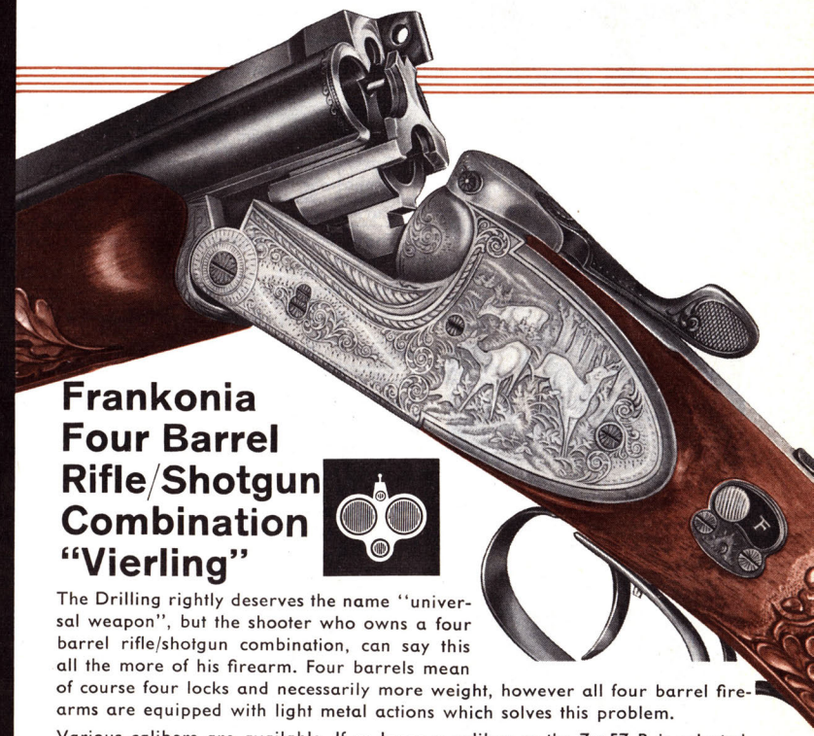
Action Blitz type light metal with four locks, Greener lock and double underlocking lugs. Change-over from shot to rifle by slide on tang, Greener side safety, both triggers can be set.

Stock good walnut with checkering. (Extra charge for carving as illustrated).

Engraving Beautiful hunting-scene engraving, on request oak leaf engraving on silver-gray action.

Weight approx. 3.2 to 3.4 kg.

Price $ **823.50.**



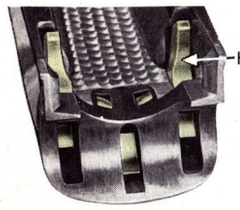
Frankonia Four Barrel Rifle/Shotgun Combination "Vierling"

The Drilling rightly deserves the name "universal weapon", but the shooter who owns a four barrel rifle/shotgun combination, can say this all the more of his firearm. Four barrels mean of course four locks and necessarily more weight, however all four barrel firearms are equipped with light metal actions which solves this problem.

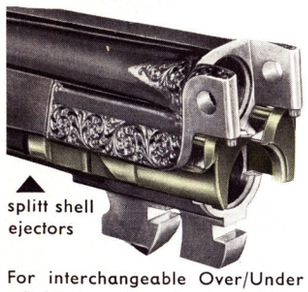
Various calibers are available. If as large a caliber as the 7×57 R is selected, then one has a big-game rifle, double barrel shotgun and a closed-season rifle all in one combination. In the four barrel combination the cal. .22 rifle barrel is located in the rib. The change-over slide is on the tang. In "forward" position both rifle barrels, are fired in "backward" position both shotbarrels can be fired. Please write for detailed offer.

Accessories

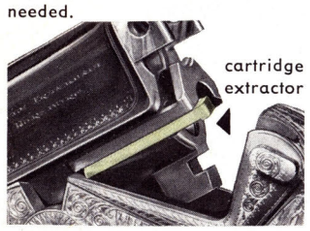
The following table lists a number of extras which can be installed in your weapon. If you have special requirements, please write to us. We will gladly work out an offer for you.



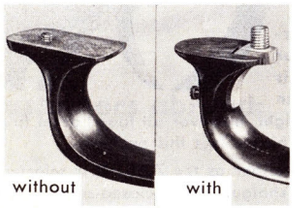
Holland & Holland type ejector. For each ejector a hammer is located in the fore-end which guarantees smooth ejection of the shell case.



For interchangeable Over/Under rifle/shotgun barrel sets or interchangeable Over/Under shotbarrel sets with ejector working separately, split shell extractors are needed.



Separate cartridge extractor which on opening the rifle pulls the cartridge out beyond the shell case.



Horn-trigger guard with metal inlay. This gives better support than a screw alone. Extra charge $ **21.25.**

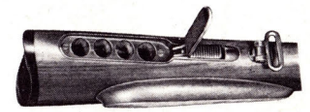
	Sodia Over & Under Rifle/Shotgun Combination	Sodia Over & Under Double Barrel Rifle	Sodia Drilling	Frankonia Vierling
Caliber				
9,3×74 R, .220 Swift, .222 Remington, .270 Winchester, 30/06 Springfield 5,6×61 R vom Hofe 7×75 R	12.50	25.00	12.50	13.75
.300 H & H, .375 H & H Magnum with rim, .458 Winchester, and other big-game cartridges		75.00		
7×65 R				
Barrels				
Boehler Antinit NG	55.00	55.00	68.75	27.50*
Boehler Super Blitz steel	55.00	55.00	86.25	110.00
Barrel longer or shorter than 23½″ (max. length 25½″)	10.00	10.00	10.00	9.50
Ventilated rib				
76 cm long barrels (30 in.)				
Action				
Ejectors for second barrel set	39.50	39.50		
Goldplated lock parts	26.50	26.50	25.00	26.25
Side plates (dummy side locks) with fine oak leaf or hunting scene engravings	46.25	46.25		41.25
Indicators on top			15.00	
Lateral indicators	10.00	10.00		
Separate cartridge case extractor	11.25		11.25	12.50
Extractor claw for rimless cartridges	13.75		13.75	14.00
Single selective trigger				
Single non-selective trigger				
Hammer safety in connection with Anson & Deely action	31.25	31.25		
Action made from light metal	31.25		31.25	
Holland & Holland type side locks with double sears	243.75	243.75		
Holland & Holland type ejector	103.75	103.75		
Stock				
Custom stock from our own workshop	22.50	22.50	22.50	22.50
Custom stock made to specifications and special dimensions	12.00	12.00	12.00	22.50
Cartridge magazine in butt plate	15.00	15.00	15.00	13.75
Engraved cartridge magazine between butt plate and sling swivel	22.50	22.50	22.50	21.25
Cartridge magazine with rich engraving	26.25	26.25	26.25	26.25
Ventilated, ¾″ Pachmayr rubber recoil pad, incl. fitting (or 1 inch)	8.25	8.25	8.25	8.25
Especially selected, dark grained extra dry walnut root	18.75 to 37.50	18.75 to 37.50	18.75 to 37.50	21.25 to 37.50
Left-hand stock with pistol grip and cheekpiece	3.75	3.75	3.75	3.00
Scope Mount				
Suhl hook-in type mount, base price	38.75	57.50	38.75	60.50
Additional charge for extra low mount for especially easy aiming (available only for scopes with double reticle adjustment)	5.00	5.00	5.00	5.00
Extra charge for fine stitch engraving (prevents dazzling of eyes when using iron sights)	3.00	3.00	3.00	3.00
Extra charge for mounting steel tube scopes (not applicable to light-metal scopes)	4.50	4.50	4.50	4.50
Extra charge for mounting variable scopes	2.50	2.50	2.50	2.50
Extra charge for mounting on Antinit barrels (difficult bluing) and Super Blitz steel	3.00	3.00	3.00	3.00
Extra charge for mounting 8 power scopes, is only mounted without thru-sight as otherwise scope lies too high	5.00	5.00	5.00	5.00

* Small rifle barrel ** Not applicable to Antinit

Frankonia Over & Under Bock-Drilling	Frankonia Over & Under Rifle/Shotgun Combination	Frankonia Drilling	Krieghoff Over & Under Shotgun	Krieghoff Over & Under Rifle/Shotgun Combination	Krieghoff Drilling	Merkel Bros. Over & Under Double Barrel Shotgun	Merkel Bros. Over & Under Rifle/Shotgun Combination	Heym Over & Under Rifle/Shotgun Combination	Sauer Double Barrel Shotgun	Sauer Over & Under Rifle/Shotgun Combination	Sauer Drilling	Simson Double Barrel Shotgun	Suhl Drilling
13.75	13.75	13.75					13.75						
				12.50**	12.50**		13.75	12.50					
61.25	48.75	61.25	37.50	37.50	50.00	70.75	78.50	37.50					
86.25	55.00	86.25											
9.50	9.50	9.50						12.50					
						17.50							
						6.00							
	37.50												
26.25	22.50	26.25	40.00	40.00	40.00	112.75	112.75						
41.25	41.25	41.25						105.00					
		13.75											
	11.25												
12.50	12.50	12.50											
14.00	14.00	14.00						8.75					
						92.25							
						74.50							
	30.00												
31.25	31.25	31.25			20.00						37.50		
	99.50												
22.50	22.50	22.50				22.50	22.50						
22.50	22.50	22.50	10.00	10.00	10.00	from 13.75	from 13.75	7.50 to 37.50	12.50 to 37.50	12.50 to 37.50	12.50 to 37.50	from 13.75	from 13.75
13.75	13.75	13.75		17.00	17.00			15.00		17.00	17.00		
21.25	21.25	21.25		17.00	17.00			15.00		17.00	17.00		
26.25	26.50	26.25		22.50	22.50			22.50		22.50	22.50		
8.25	8.25	8.25	8.25	8.25	8.25	8.25	8.25	8.25	8.25	8.25	8.25	8.25	8.25
21.25 to 37.50	21.25 to 37.50	21.25 to 37.50	12.50 to 37.50	12.50 to 37.50	12.50 to 37.50			7.50 to 12.50	7.50 to 12.50	7.50 to 12.50	7.50 to 12.50		
3.00	3.00	3.00	7.00	7.00	7.00	6.75	6.75	16.25	10.00	10.00	10.00	6.75	6.75
57.50	38.75	38.75		38.75	38.75		38.75	38.75		38.75	38.75		38.75
5.00	5.00	5.00		5.00	5.00		5.00	5.00		5.00	5.00		5.00
3.00	3.00	3.00		3.00	3.00		3.00	3.00		3.00	3.00		3.00
4.50	4.50	4.50		4,50	4.50		4.50	4.50		4.50	4.50		4.50
2.50	2.50	2.50		2,50	2.50		2.50	2.50		2.50	2.50		2.50
3.00	3.00	3.00		3.00	3.00		3.00	3.00		3.00	3.00		3.00
5.00	5.00	5.00		5.00	5.00		5.00	5.00		5.00	5.00		5.00

Your hunting weapon becomes particularly valuable through beautiful engraving, which can also be put on locking lever or pistol grip cap.

Your monogram in high-relief engraved in steel with gold or silver inlays. From $ **7.50** to **25.00**



Light engraving on cartridge magazine behind sling swivel. $ **15.00.**

Cartridge magazine with rich engraving. $ **20.00.**

Ordered as parts or subsequently, the prices are higher.

Please note: These prices are extracharges to be added to the basic cost of the particular gun.
Prices for subsequent fitting or parts sold alone are considerably higher, if available at all.

Frankonia

Repeating Rifles

The Production of Frankonia Repeating Rifles

Frankonia repeating rifles are produced in our own workshops; and without exaggeration we can state that they rank among the finest of this type of firearm. As we produce these rifles in our own workshops it is, of course, easy for us to meet special requirements as to stock, sights, engraving, caliber, etc. In addition to the German standard calibers we also specialize in American and English big-game cartridges.

Letters from our Customers:

In 1954 we began to supply the German-Austrian Himalaja-Karakorum expedition with weapons and other hunting equipment.
On August 22, 1959 a member of this expedition wrote to us from Pakistan: "This is the fourth expedition on which I have used your Frankonia repating rifle. Reliable functioning and remarkable accuracy after all the stress and strain the gun was exposed to are eloquent proof of the excellent workmanship for which we (once again) congratulate you cordially."
The German Nepal expedition of 1955 was also equipped by Waffen-Frankonia. We have mentioned only two of the most well-known expeditions.

Engravings on Frankonia Repeating Rifles

You can also have your Frankonia repeating rifle with beautiful engraving. We will gladly send you special offer. The engravings illustrated below cost approx. $ **80.00.**

Standard Model 700

Caliber 6,5×57, 7×57, 7×64, 8×57 and at extra charge also 5,6×61 vom Hofe, 6,5×68, 7 mm vom Hofe Super Express, 7 mm Rem. Magnum, 8×64S, 8×68 S, 9,3×62, 9,3×64, .270 Winchester, .30/06 Springfield, .300 Holland & Holland Magnum, .375 Holland & Holland Magnum or .416 Rigby.

Barrell Chrome-Mangan-Steel F 57, 23½" long. Sights consist of a silver bead front sight on ramp and fixed rear sight on base. Like the front sling swivel, ramp and base are soldered to the barrel without ring.

Action Revised Mauser military model 98 action with wing safety, original trigger guard, double-pull trigger, or at extra charge, hairtrigger or adjustable shotgun type trigger. Magazine for five cartridges.

Stock oiled walnut with pistol grip and cheekpiece.
Metal parts polished and blued deep-black.

Weight approx. 3.0 to 3.2 kg depending on caliber.

Price with double-pull trigger $ **109.00**

Extra charge for hairtrigger or shotgun type trigger "Timney" $ **15.00.**

Special Model 702

Same as Standard model 700 except that rear sight and front sling swivel are fixed with a ring around the barrel. The front sight ramp is soldered to the barrel without ring. Original trigger guard in modern form, or, with hair-trigger, hunting style trigger guard. Metal parts have high-gloss polish and are blued deep-black. Extra charge $ **22.50.**

Model Safari

Model Safari has the following extras:
1. Front sight ramp with removable hood, and front sling swivels, each fixed with rings around the barrel.
2. The wide open V rear sight for shot on running game is in the English form with vertical silver line for 100 m and with folding leaf for 200 m.
3. Through a special preparation, the strongly built, reinforced walnut stock with foreend is well suited for great tropical temperature fluctuations; in addition the stock has a ventilated recoil pad.

Extra charge for model Safari:
model 700 $ **20.00.**
model 702 **15.00.**

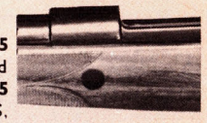
Frankonia Model "Lightweight"

in calibers 6,5×57, 7×57, 7×64 and 8×57 IS; tapered barrel, lighter action with narrow bolt head, extra low and light magazine for three cartridges, which also makes the stock lower and lighter. Saving in weight up to 350g. Extra charge $ **40.00.**

Extra Prices

for all Frankonia-Repeating Rifles

Caliber



.270 Winchester, .30/06 Springfield or .308 . . . . . $ **8.75**
5,6×61 vom Hofe, 8×64 S, 9,3×62 with reinforced barrel of Boehler special steel . . . . . $ **31.25**
6,5×68, 7 mm vom Hofe Super Express 8×68 S, 9,3×64, .300 Holland & Holland Magnum, .375 Holland & Holland Magnum, .416 Rigby with reinforced barrel of Boehler special steel and stock with recoil reducing bolt. Extra charge . . . . . $ **40.00**

Ventilated Muzzle Brake

reduces recoil with heavier calibers . . . . . $ **11.25**

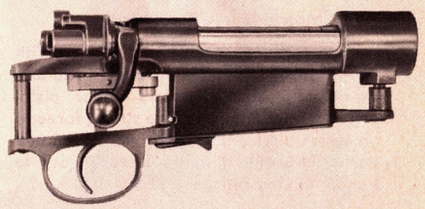
Barrel

of Boehler special steel by model 700 with rear sight base ring . . $ **10.75**
of Boehler Antinit NG or Boehler Super Blitz steel **26.25**
Barrel shorter than 60 cm **3.75**
Barrel longer than 60 cm (possible only with Boehler barrel steels) **3.75**

Action

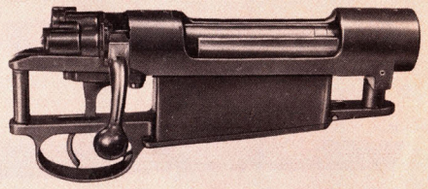
Low wing safety installed (necessary for low scope mount) . . . . $ **3.00**
Greener side safety built in **12.00**

Brand-new Mauser Type Action Model 98



Especially built for hunting weapons, without thumb hole, extra low wing safety, can be used also with lowest scope mount. Lever at magazine foot plate for rapid discharging of magazine.
Extra charge for brand-new Mauser action built in $ **11.25**

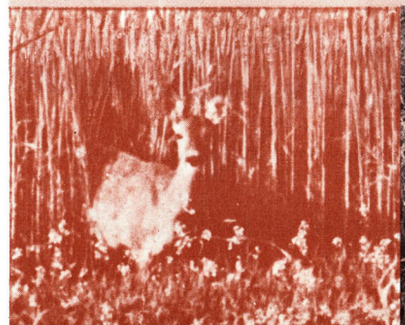
Special-Magnum-Action with Double-Pull Trigger



For big-game cartridges .416 Rigby or .505 Gibbs, a special Magnum action is necessary.
In real Magnum-action, not only is the magazine case extended, but also the cartridge case and chamber are longer.
Extra charge . . . . . $ **86.25**

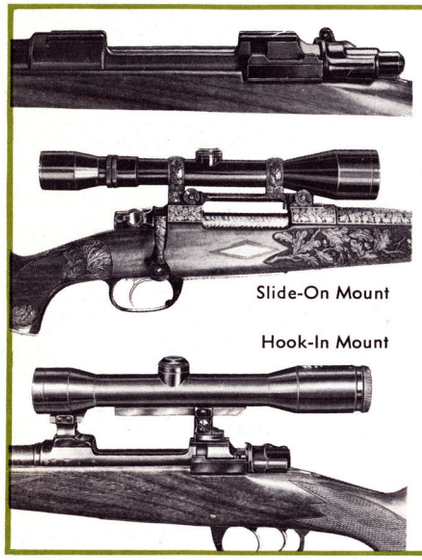
Extra charges for stock shapes and custom stocks see page 90

Prices for parts sold alone are considerably higher.



BRNO repeating rifle ZG 47

Two classes better than its price — this expresses the quality of the BRNO repeating rifle ZG 47. The ZG 47 is an unusual weapon at an unusual price. The action, especially designed for hunting, is suitable for the heaviest powder charges, i.e. for more than 5.000 atm. The action is preworked for mounting a rifle scope. This makes subsequent scope mounting much cheaper. The ZG 47 bolt can be worked quickly, the weapon is rugged, easy to handle and has an elegant form.



Slide-On Mount

Hook-In Mount

BRNO Rifle Scope Mount (Slide-On Type Mount)

The price for the slide-on mount, incl. sighting in at 100 m with shot group and retracted clamping rings is **only $ 24.50**

Extra charge for light-metal scopes with rail or for variable scopes $ **2.50**

In addition, the special design of the BRNO slide-on mount permits extra low mounting of scope. The mount weighs only 110 g. The ZG 47 is the only repeating rifle in the world whose receiver head and bridge are so worked that the very strong wedge type locking of the scope mount is firmly engaged in a recess of the reinforced receiver bridge without requiring any extra work on the rifle. All the soldering, shaping, rebluing which up to now was necessary with a scope mounting has been eliminated. The dovetail rail on the receiver for the slide-on mount and the recess in the reinforced bridge for the locking wedge are pre-worked on all models. The increase in weight of the weapon through the use of mounting bases has thus also been eliminated

Special Stocks for Frankonia and ZG 47 Repeating Rifles

Type Monte-Carlo Standard

For easy shooting with rifle scope. With strong pistol grip, wide pistol grip cap and checkering. White spacers under pistol grip cap and butt plate. The strong foreend on which the front sling swivel is mounted has a U-profile making it very easy to handle. Extra charge $ **12.50**

Monte-Carlo Deluxe

Same as Monte-Carlo Standard except for fine, dark-grained walnut and rich checkering. Black/White horn spacers under pistol grip cap, white spacer under Pachmayr rubber recoil pad. Black horn tip for foreend. Extra charge $ **32.50**

Type Monte-Carlo Standard

Type Monte-Carlo Deluxe

Straight horn tip of deep-black buffalo horn on fore-end . . . . . $ **6.25**
with oblique horn tip **8.75**

White spacers between pistol grip cap and butt plate of custom stocks . . . . . $ **0.90**

Full stock with split fore-end and with inlay to avoid tension . . . . . $ **20.00**

Stock of grained walnut $ **15.00** to $ **20.00**
Stock of walnut root, possible only with custom stocks . . . . . $ **22.50** to $ **37.50**

Custom made stock with normal pistol grip, or with full stock according to special requirements and dimensions, with raised comb, Bavarian type cheekpiece or left-hand stock, approx. . . . . $ **22.50** to $ **30.00**

Custom made stock "Monte-Carlo" according to special requirements and dimensions, or also left-hand stock, approx.
$ **17.50** to $ **22.50**

X Limited Supply! Repeating Rifles ZG 47

with standard pistol grip stock without cheekpiece and 56 cm or 60 cm long barrel

All parts brand-new — action designed for highest gas pressures, right-side safety, hairtrigger type, easy-to-adjust match trigger, cal. 7×57, 7×64, 8×57 IS, .30-06 . . . . . **$ 124.50**

Cal. 8×64 S and 9,3×62 . . . . . $ **135.75**

BRNO

Repeating Rifle

ZG 47

with hairtrigger type match trigger and cheekpiece stock $ **139.50**

Caliber 7×57, 7×64, 8×57 IS.

Barrel of hard, Poldi special barrel steel, 56 cm or 60 cm long.

Action Reinforced, improved Mauser type action. Bolt handle has pear-shaped form. Magazine for five cartridges.

Stock Elegant walnut stock with raised comb, pistol grip and cheekpiece, checkering on pistol grip and fore-end.

Weight 3.2 to 3.3 kg depending on caliber.

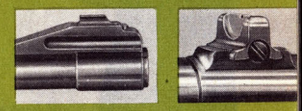
Extra charge for hairtrigger . . . . $ **20.00**

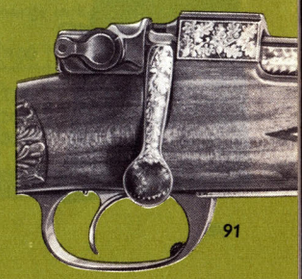
Our firm has further improved this weapon by developing a combination shotgun trigger which can be "set". This means that the trigger can be used as a normal shotgun trigger, and set as a hairtrigger as in normal repeating rifles; this is ideal in situations where fast firing is required. Extra charge . . . . . $ **30.00**

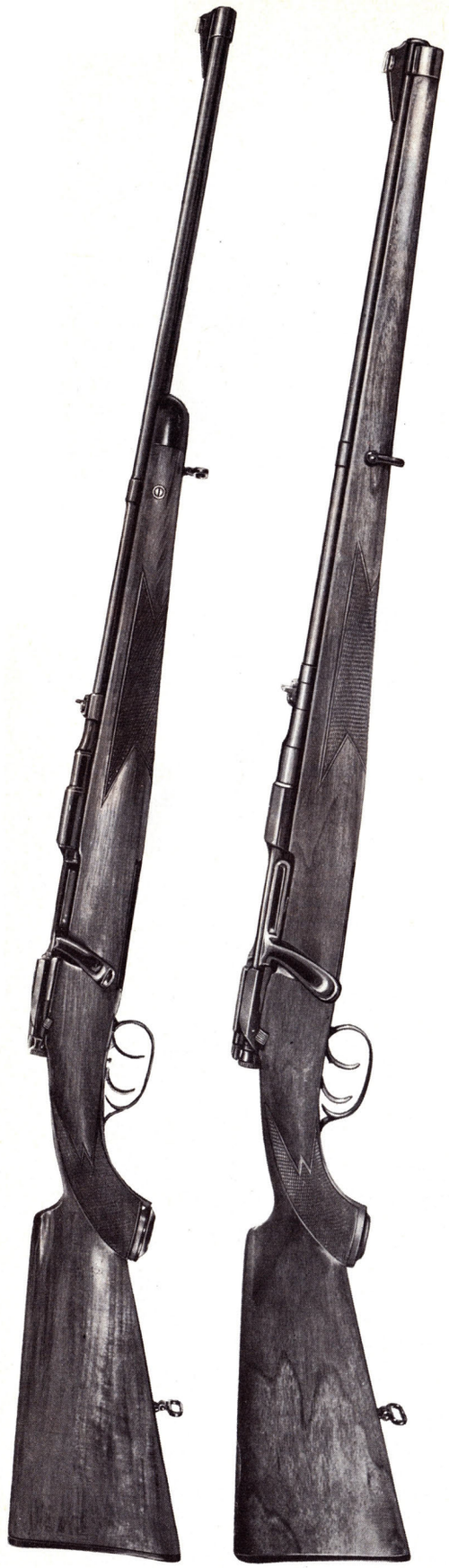
A push-button in the trigger guard permits easy opening of floor plate and convenient removal of cartridges. The front sight is inserted in the ramp above the muzzle. It is held in place by a spring and can be easily interchanged.

The rear sight is secured by a ring around the barrel and provided with a screw for lateral adjustments, as it is normal in match rifles.

The safety lies on the right side; it blocks the firing pin and at the same time secures the lock against unintentional opening. Safety can be easily operated during aiming; it is designed to make extra low scope mounts possible.







Mannlicher-Schönauer-

Repeating Rifles

Upon examination the Mannlicher-Schönauer bolt action rifle gives the impression of repeating more smoothly than other Mauser action type repeating rifles.
When closing the chamber of the Mannlicher, the bolt is locked without any effort. This is due to the fact that with the Mannlicher-Schönauer type action, the rifle is cocked with the opening stroke of the bolt, whereas in Mauser action type repeating rifle (Frankonia and BRNO repeating rifle ZG 47), the cocking is distributed over two movements, that is, half of it is done by opening and half by closing the bolt. Thus in the Mannlicher-Schönauer action, the breech is more difficult to open than in repeating rifles with Mauser actions. Therefore in rifles with the Mannlicher-Schönauer action, which fire cartridges with high gas pressures, the bolt handle is not straight back, so that more pressure can be applied when repeating. An advantage of the Mannlicher-Schönauer action is the rotary magazine which makes cartridge removal easy.

Mannlicher-Schönauer Repeating Rifle Model 1952

Caliber 6,5×57, 6,5×68, 7×57, 7×64, 8×57 IS, 8×60 Magnum, 8×68 S and .243 Winch., .270 Winch., .30/06 Springfield, .308 and .458 Winch.
Barrel special barrel steel, 60 cm long. For cal. 6,5×68 and 8×68 S **(extra charge)** only 65 cm long.
Action Mannlicher-Schönauer action with rotary magazine for five cartridges. Bolt handle curved back (6,5×68 and 8×68 S available only with straight bolt handle). Additional slide safety on right side of rear receiver bridge. Available with or without double hairtrigger.
Stock good walnut with pistol grip, checkering and cheekpiece.
Metal parts polished to high-gloss and blued deep-black.
Weight approx. 3.3 to 3.7 kg depending on caliber.
Price $ **183.50.**

Mannlicher-Schönauer Carbine Model 1952

Caliber and Barrel special barrel steel, in cal. 6,5×54 Mannlicher-Schönauer, 45 cm long, in cal. 6,5×57, 7×57, 7×64, 8×57 IS, .243 Winch., .270 Winch. and .30/06 Springfield; in cal. 8×60 Magnum and 9.3×62, 60 cm long.
Action and metal parts are blued deep-black and polished.
Stock is walnut, full length, with pistol grip cap, chekering and cheekpiece.
Weight approx. 3.2 to 3.6 kg depending on caliber.
Price $ **183.50.**

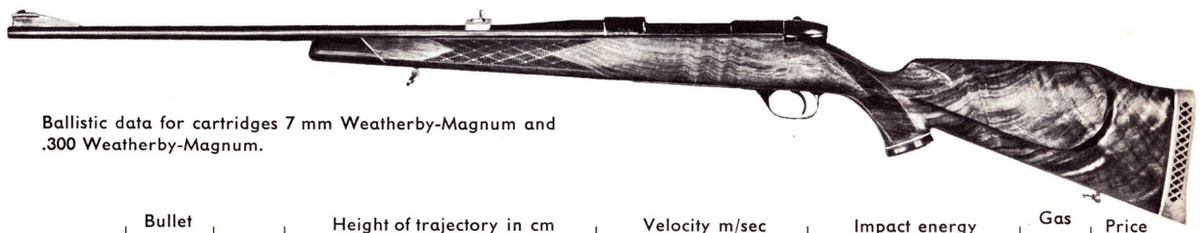
Extra Charges

Barrel 65 cm long	$ 11.25
Barrel of Boehler Antinit NG steel	25.00
cal. 6,5×68 and 8×68 S	35.00
cal. .458 W. only with model 1956	100.00
Fine-grained walnut root stock	39.50
Customized stock	16.75
Unusually good shooting performance	10.50
Monte-Carlo Model 1956	10.00

Weatherby Repeating Rifle

produced by Sauer & Son, Eckernförde, West Germany, for the original flat-trajectory Weatherby cartridges.

Caliber With hair-trigger in caliber 7×64, 6,5×68, 8×68 S, .300 Weatherby-Magnum.
With shotgun-type trigger in caliber .300 Weatherby-Magnum, 7 mm Weatherby-Magnum, .257 Weatherby-Magnum, .270 Weatherby-Magnum.
Barrel Chrome molybdenum special steel, 61 cm long, hammered.
Action Original Weatherby bolt action with nine lugs, light and quick repeating action. Magazine for three cartridges, shotgun type trigger.
Stock Monte-Carlo Deluxe stock with cheekpiece, checkering ventilated recoil pad, white inserts, detachable sling swivels. Also available with German type stock and cheekpiece in caliber 7 mm Weatherby-Magnum, 7×64 and 8×68 S.
Weight 3.3 kg. **Price** $ **222.50.**



Ballistic data for cartridges 7 mm Weatherby-Magnum and .300 Weatherby-Magnum.

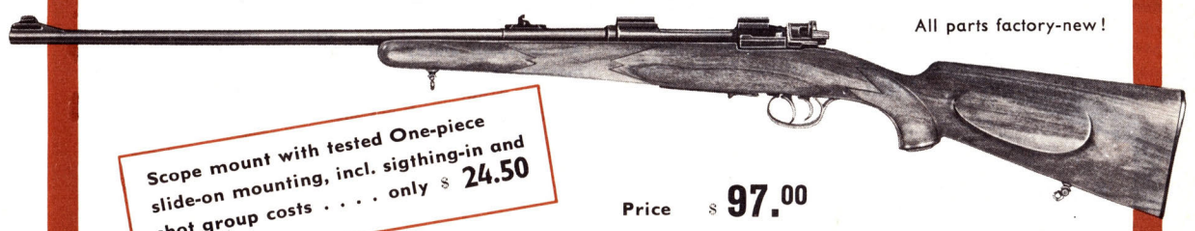
Caliber	Bullet weight gram / grains	Powder g	Height of trajectory in cm with O shot in the black: 100 m	200 m	300 m	Velocity m/sec: V 0	V 100	V 200	Impact energy m/kg: E 0	E 100	E 200	Gas pressure kg/sq.cm	Price (box of 20) $
7 mm	9,98 g 154 grs	4,34	O + 5,6 cm +12,8 cm	—11,3 cm O +14,2 cm	—39,5 cm —20,5 cm O	944	835	764	457	370	309	3830	**10.50**
.300	11,66 g 180 grs	5,12	O + 4,4 cm +12,8 cm	—12,6 cm O +15,6 cm	—41,3 cm —18,7 cm O	969	856	782	562	455	380	3760	**10.50**

The Moderately Priced Frankonia-Model Forest-Repeating Rifle

The Forest-model repeating rifle is a fast handling, light rifle which despite its low price incorporates all the properties essential in a good rifle: excellent shooting performance, faultless functioning, sturdy design, good balance and elegant appearance.

Caliber 8×57 IS, 7×57, 7×64, .243 Winch., 6,5×57, .308 Winch.
Barrel special barrel steel, in caliber 8×57 IS 59 cm, in cal. 7×57 and 7×64 60 cm long.
Action **Brand-new,** short Mauser-type action, designed for hunting, without thumbhole. Round bolt handle, low wing safety for lowest possible scope mount, hairtrigger, standing rear sight with one folding leaf. Sights are attached to the barrel by a ring. Hunting style trigger guard. Magazine for five cartridges, with lever at foot-plate for rapid unloading of magazine. **Factory-installed mount blocks** for one-piece type slide-on mounting.
Stock good walnut, checkering on pistol grip and fore-end. Now equipped with raised cheekpiece and white spacers under buttplate and pistolgrip cap at no extra charge (not illustrated).
Weight approx. 3.15 kg.

All parts factory-new!



Scope mount with tested One-piece slide-on mounting, incl. sigthing-in and shot group costs . . . . only $ 24.50

Price $ **97.00**

Below are listed inexpensive cartridge makes and their calibers:

Caliber	Make	Type	Bullet length	Bullet weight gram	Velocity m/sec: V 0	V 100	V 200	Impact energy m/kg: E 0	E 100	E 200	Price box of 10 $
7×57	Sell. & Bell.	Tlm.-Rdkp.	26 mm	9 g	808	692	595	301	221	162	**1.90**
7×64	Sell. & Bell.	Tlm.-Rdkp.	26 mm	9 g	883	756	646	358	262	191	**2.15**
8×57 IS	Svenska	Tlm.-Rdkp.	26 mm	12,7 g	790	685	610	404	304	240	**1.90**

Weapons from the USA:

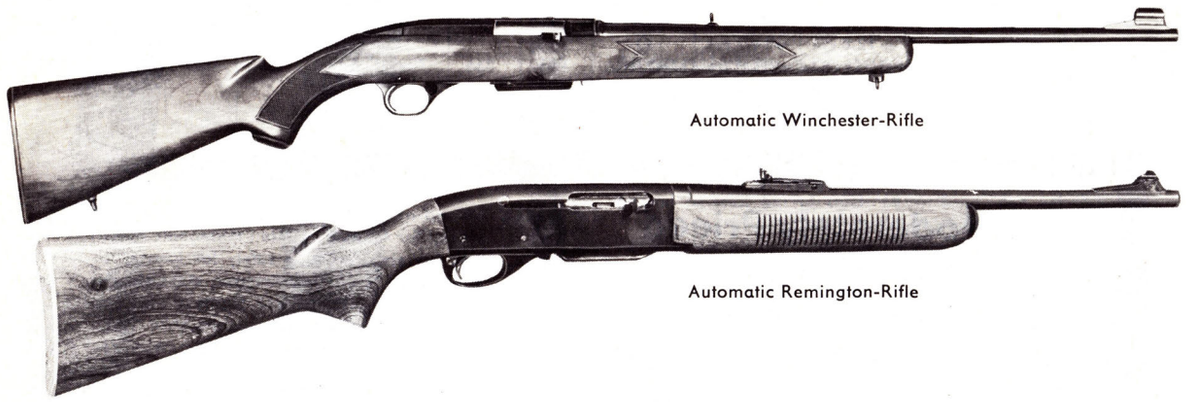
The Remington Arms Co., Inc., Bridgeport, Connecticut, U.S.A. is the oldest and largest American hunting weapon manufacturer. This firm produces technically well-designed firearms. The Winchester Repeating Arms Co., New Haven, Connecticut, is the most important manufacturer of hunting and target weapons as well as ammunition in the U.S.A. For more than a century Remington and Winchester rifles have been known for quality the world over. The Remington and Winchester automatic rifles have proven themselves time and again as special weapons for drive hunting big-game.
Weatherby's Inc., South Gate, California, is considered the finest gunsmith in the U.S.A. They manufacture quality repeating rifles with high technical perfection. By changing the standard cartridge case Weatherby has developed especially effective high-speed cartridges (see page 93).

Winchester Automatic Rifle, 5-shot

Caliber .243 Winchester and .308 Winchester (7,62 × 51).
Barrel special steel, 55 cm long, ramp front sight bead with hood; adjustable folding rear sight.
Action Automatic action, 4-round capacity magazine. Push button safety on trigger guar.
Stock One piece pistol grip type stock without cheekpiece, with fine checkering, pistol grip cap and sling swivels.
Weight approx. 3.4 kg.
Price $ **191.00.**

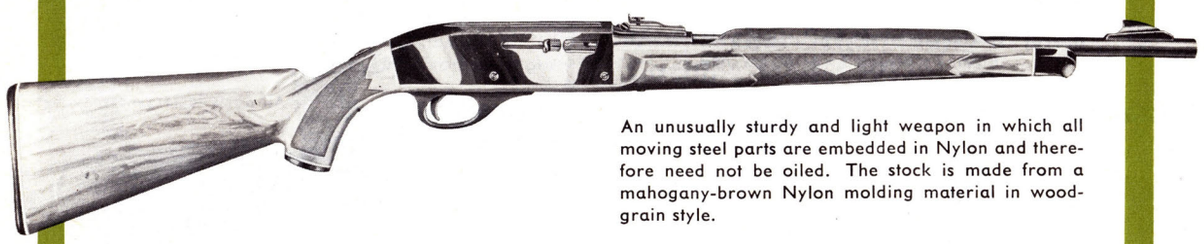
Remington Automatic Rifle, 5-shot

Caliber .30/06 Springfield, .244 Remington, .308 Winch.
Barrel special steel, 56 cm long, front sight silver bead with ramp. Step adjustable rear sight with windage adjustment screw.
Action Automatic action, 4-round magazine, lateral ejector, push-button safety on trigger guard.
Stock Rich American walnut with pistol grip, checkering, without cheekpiece, with swivels.
Weight approx. 3.6 kg.
Price $ **172.00.**
Extra charge for German stock with standing rear sight $ **27.50**



Automatic Winchester-Rifle

Automatic Remington-Rifle

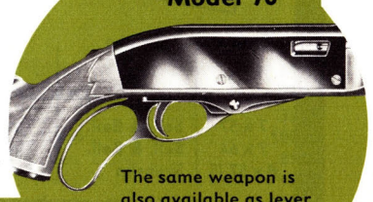


An unusually sturdy and light weapon in which all moving steel parts are embedded in Nylon and therefore need not be oiled. The stock is made from a mahogany-brown Nylon molding material in wood-grain style.

Remington .22 Cal. Autolading Rifle Model "66 Nylon"

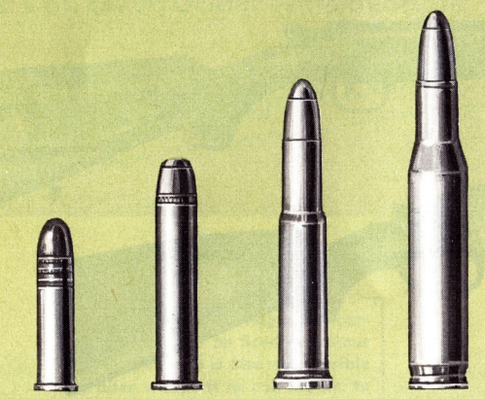
Caliber .22 Long Rifle. **Weight** approx. 1.8 kg. **Overall length** 98 cm
Barrel 50 cm, adjustable rear sight, blade front sight.
Action Reliable automatic action with 14-round magazine plus one in chamber, slide safety on tang. With grooved receiver for scope mounting.
Stock Nylon, pistol grip and fore-end with fine checkering, white diamond inserts, white line spacers on butt plate.
Price $ **64.00.** Order No.1018.

Model 76



The same weapon is also available as lever action rifle.
Price $ **74.75**
Order No.1019

Small-bore Rifles and Cartridges



.22 lfB. .22 Winch.-Magnum .22 Hornet .222 Remington

.22 lfB. (Long Rifle)

The ideal cartridge for target shooting

.22 cartridges are popular in that they cost only $ 1.50 per 100 rounds and have the greatest possible accuracy at a distance of 50 meters. It is the ideal cartridge for target shooting and varmint shooting at shorter ranges. At distances exceeding 75 m, satisfactory results can be obtained only if the distance is accurately estimated and wind direction and light conditions are taken into consideration, for:

1. The bullet's trajectory is heavily curved. With scope-sighted "bullseye" shot at 75 m, a shot at 25 m is 2.9 cm high and at 50 m 7 cm. At 100 m the bullet drops 12.8 cm. Misses with the .22 cartridge at longer ranges are not due in most cases to aiming errors but to inaccurate estimation of distance.
2. The muzzle velocity is only 335 m/sec, the bullet energy at 100 m is 10 m/kg; therefore the small lead bullet is ineffective against larger pests. The .22 Long Rifle with higher speed, e.g. H.V. or Winch. Super Speed, does have a flatter trajectory and higher energy; dispersion though is usually a little greater.

Rifle scope

The most popular scopes are those with $2^1/_2$ power magnification and to a lesser degree those with 4 power. We recommend 50 m as sighting-in distance for simple rifles, and 75 m for better rifles.

.22 Winchester Magnum

The new cartridges for pest shooting — with uniform performance up to 100 m and surprisingly good killing power

This cartridge costs $ 7.00 per 100 rounds. Length of case is 27 mm, diameter 6 mm (Long Rifle length of case is only 15 mm and diameter 5.6 mm). The Winch.-Magnum cartridge though cannot be fired in .22 Long Rifle caliber weapons. It is also not possible to alter .22 long rifle calibered weapons to .22 Winch.-Magnum caliber.

The lead bullet has a copper jacket (soft point or full jacket) weighs 2.6 g and is 12 mm long. We sight in .22 Winch.-Magnum caliber rifles with open sights at a distance of 75 m, and with scope at 100 m. All shots are in a 5 cm target circle at distances of 25, 50, 75 and 100 meters.

Rifle scope:

The scopes usually mounted are those with $2^1/_2$ or 4 power magnification. We recommend sighting-in at a distance of 100 m.

.22 Hornet (5,6 × 35 R)

The tested pest cartridge for distances up to 150 m and for target shooting.

The .22 Hornet (5,6 × 35 R) is an improved "Vierling" cartridge with which it is possible to place shots in the black at longer ranges and fun to knock a buzzard off a fence pole at 150 m. With scope-sighted "bullseye" shot at 100 m, the impact at 50 m is scarcely 1 cm high, at 150 m the bullet drops approx. 11 cm. Depending on the make the muzzle velocity is 725 or 740 m/sec and the bullet energy at 100 m is still 40 m/kg. This means that the bullet energy is still great enough to kill big dog. However the Hornet cartridge has other advantages too:
A German cartridge costs only $ 15.00 per 100 rounds, imported Finnish cartridges only $ 12.50 per 100 rounds and in Germany the German Hunters' Association authorizes this caliber for use in all Shooting Competition.

Rifle Scopes:

4-power scopes are the most popular, but variable and 6-power models can also be used. We recommend sighting-in at a distance of 100 m with 2 or 3 cm high shot.

.222 Remington

Ideal for small and big pests up to a distance of 200 m. It can also be used on roe-deer.

In foreign countries the .222 Remington is widely used. The same cartridge in Germany is referred to as the 5,7 × 43 and has a muzzle velocity of 974 m/sec. At a distance of 100 m the bullet energy is 109 m/kg.
With scope-sighted "bullseye" shot at a distance of 100 m the impact at 50 m is 0.6 cm and at 150 m 3 cm low. The .222 Remington ranges between the .22 Hornet and the 5,6 × 52 R Savage. It is ideal for shooting varmints and bigger pests at longer range. On roe-deer, but only on roe-deer, it guarantees a clean kill when fired by a good shooter. The accuracy of this cartridge is exceptionally good. The German make (DWM) costs $ 22.50 per 100 rounds, American makes $ 18.75 per 100 rounds and imported Finnish cartridges $ 14.25 per 100 rounds.

Rifle Scope:

As the .222 Remington permits longer range shots at small targets, scopes with variable magnification are preferred, otherwise we mount 4-power and sometimes also 6-power models. We recommend sighting-in at 100 m (with ca. 3 cm high shot).

For ballistic data of .22 cal. cartridges see next page.

The firm Kriegeskorte manufactures a new repeating rifle for the .243 Winchester caliber. This cartridge can be used on roe-deer and, with a heavier powder charge, also on chamois. Ballistic data on pages 38 and 101.

.22 Cal. Over/Under Rifle/ Shotgun Combinations

With .22 Hornet caliber or .22 Winch.-Magnum and shotshell .410 (36 ga.) one has an ideal Over/Under rifle-shotgun combination for closed-season hunting. The performance of the .410 is two thirds that of the standard shell ga. 16.

Voere .22 Cal. Over/Under Rifle/ Shotgun Combination

Caliber Rifle: .22 Hornet, .22 Winch.-Magnum or .22 long rifle. Shot: .410 (ga. 36 or 12 mm) for central rimfire shells up to a length of 3″ (76 mm).

Barrel special steel, 60 cm. Top barrel for shot, full-choke, rifle barrel with guaranteed excellent shooting performance. Cartridge extractor, receiver grooved for scope mounting, folding rear sight.

Action Non self-cocking single lock action. Locking lever is pushed to the left for cocking to the right for breeching barrels. Left-side selector for shot (up) or rifle (down). When cocked the weapon cannot be opened because of an installed safety device. Uncocking of the weapon is effected by pushing the locking lever to the left, holding it in this position and pulling the trigger at the same time. While still pulling the trigger the lever is allowed to slide back. The gun has a shotgun type trigger. The installation of a hairtrigger is not possible.

Stock walnut with German cheekpiece, slightly raised comb, checkering, sling swivels. White inserts under grip cap and butt plate.

Weight approx. 3 kg. **Overall length** 102 cm.

Prices Cal. .410/5,6×35 R (.22 Hornet)
Order No.1011 . . . . . $ **88.75**
Cal. .410/.22 Winch.-Magnum
Order No.1012 . . . . . **78.75**
Cal. .410/.22 l.r.
Order No.1013 . . . . . **73.75**

Heym .22 Cal. Over/Under Rifle/ Shotgun Combination

New This new, light, easy-to-handle Over/Under rifle/shotgun combination is the first "Varmint" combined .22 cal. rifle/shotgun combination which can be considered a hunting weapon. It is an ideal second weapon for all shooters.

The internationally preferred .222 Remington cartridge has in a short period of time become quite popular. It not only gives extraordinary results on varmints and bigger pests at 200 m, but is, at normal ranges, also suitable for taking roe-deer.

Caliber Shot: 20 ga. for $2^3/_4$″ long shells.
Barrel chrome-vanadium steel, 60 cm long, flat rib, square rear sight, bead front sight.

Action Single lock action with left-side selector for shot (up) and rifle (down). Dural frame; lower rifle barrel embedded in the action; locking lugs. Safety on tang, rifle is cocked by rear trigger. When cocked the trigger is set for firing. Cocking is possible only when safety is released.

Engraving Fine leaf on gray action.

Stock of good walnut, pistol grip cap and German type cheekpiece, slightly raised comb, horn trigger guard, horn grip cap and horn butt plate.

Weight 2.2 kg.

Price $ **195.00**

Cartridge	$ Price per 100 rounds	Bullet weight g	Bullet length mm	Velocity m/sec V_0 ms	V_{50} ms	V_{100} ms	V_{150} ms	Impact energy m/kg E_0 mkg	E_{50} mkg	E_{100} mkg	E_{150} mkg
.22 l.f.B. RWS	**1.50**	2,55	11,8	335	302	276	255	14,6	11,9	9,9	8,5
.22 Magnum (Winchester)	**7.00**	2,6	12	609,6	505,9	423,6	360	49,1	33,9	23,5	16
.22 Hornet RWS/DWM	**15.00**	3,0	13 14	740	600	519	454	84	55	41	32
.222 Remington DWM	**22.50**										
.222 Remington Winchester	**18 75**	3,24	16	974	891	812	740	157	131	109	91
.222 Remington Sako	**14.25**										

For conversion of Metric into Anglo-American units see page 161.

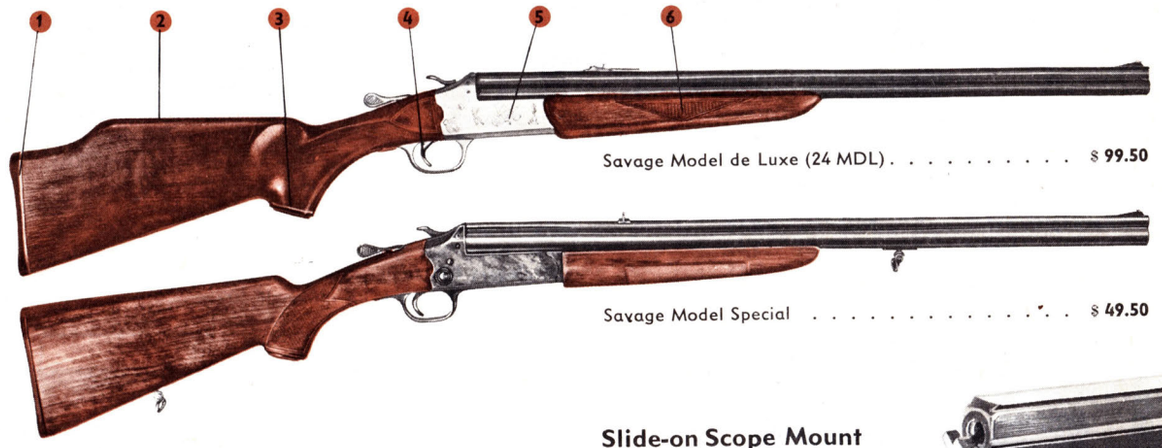
Savage

.22 Cal. Over/Under Rifle/Shotgun

20 Gauge .22 Magnum Caliber

The .22 Winch.-Magnum cartridge must not be fired in caliber .22 long rifle. It is also not possible to alter weapons in cal. .22 l.r. to caliber .22 Winch.-Magnum.

1. Butt plate with white horn insert.
2. Monte-Carlo stock.
3. Pistol grip cap with white horn insert.
4. Gold-plated trigger.
5. Light game-scene engraving on silver-gray action.
6. Fore-end checkered.



Savage Model de Luxe (24 MDL) . . . . . $ **99.50**

Savage Model Special . . . . . $ **49.50**

Savage Model 24 MDL (Magnum de Luxe)

Caliber Rifle: .22 Winch.-Magnum
Shot: 20 ga. for $2^3/_4$″ long shells.

Barrels 61 cm long, made from special steel, upper barrel rifle, lower shotbarrel full-choke. Ramp front, open rear sight with elevator.

Action Single lock with manual cocking of hammer. Slide button on side of frame for instant barrel selection. Seperate extractors. Twoway opening lever. Silver-gray action with game-scene engravings on sides. Gold-plated trigger.

Stock Selected walnut, Monte-Carlo stock, fore-end. checkered, without cheekpiece.

With improved change-over **Price** $ **99.50**

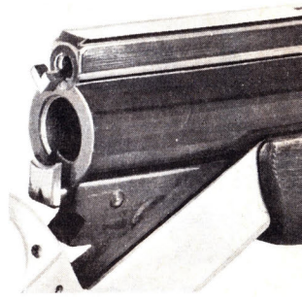
Savage Special Model

Same technical data as Standard model but with German type stock. Pistol grip with horn cap, grip and fore-end checkered, sling swivels and standing rear sight. Weicht approx. 2.8 kg.
Special price in cal. .22 Winch.-Magnum/.410 (limited supply) $ **49.50**
Model Deluxe **82.50**
Model Special **49.50**

Savage Standard Model

This standard-model does not have the extras as listed under No. 1—6. Standard stock, colored action, no fishskin checkering standard sight, weight approx. 2.9 kg.
Special price in cal. .22 Winch.-Magnum/.410 ga. (limited supply) $ **44.00**

Point of impact in cm to line of sight with 0 shot in the black							
with open sights				with rifle scopes			
50 m	100 m	150 m	200 m	50 m	100 m	150 m	200 m
O +12	—24 O	—82 —46	— —	O +11	—21 O	—76 —44	— —
+ 1,8 +10	O +12	—17 O	— —	+ 3 + 8	O +10	—19 O	— —
+ 1,4 + 5,5	O + 8,3	—12,5 O	—34,3 —17,7	— 0,2 + 3,5	O + 7,3	—11,2 O	—31,3 —16,7
+ 0,3 + 1,8	O + 3,0	— 4,5 O	—13,2 — 7,2	— 1,2 — 0,2	O + 2,0	— 3,0 O	—10,2 — 6,2



Slide-on Scope Mount for Savage Over/Under Rifle/Shotgun

As the rifle has no deep dovetail rail on the barrel, a special base must be soldered to the barrel on which the mount is fitted. The gun must be dismantled and barrels re-blued.

Prices incl. sighting-in at 86 m (100 m)

with .22 Long Rifle . . . . . $ **20.65**
with .22 Winch.-Magnum **21.90**
Extra charge for variable scopes **2.50**
For light-metal scopes with dovetail rail **2.50**

ANSCHÜTZ Deluxe Bolt Action Rifles and Carbines

Caliber .222 Remington 3-shot
5,6 × 35 R (.22 Hornet) 5-shot
.22 long rifle 5-shot

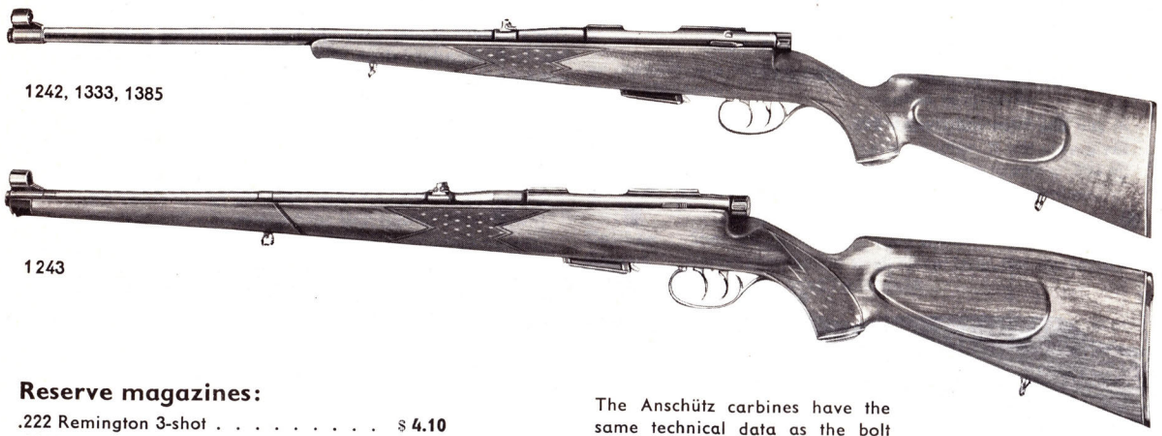
Barrel In .222 cal. Remington 60 cm long, in all other calibers 58 cm long. Carbine barrel 50 cm, from high-quality special steel, with excellent shooting performance. Hooded ramp silver bead front sight is ring-attached to barrel. Rear sight is fitted into grooved base and in cal. .222 Remington and .22 Hornet adjusted for 100 m and 200 m; in cal. .22 long rifle for 50 and 100 m.

Action Patented Anschütz action grooved for easy scope mounting, repeating mechanism, lock catch and hair-trigger. Bolt with double locking device, can be dismantled without tools. The wing safety, when pushed down 45°, locks both firing pin and bolt against unintentional opening.

Stock Selected walnut, pistol grip and fore-end checkered, German type cheekpiece and sling swivels. Grip cap and butt plate with white inserts.

Weight approx. 3.0 kg. **Overall length** 106 cm.

Caliber	Bolt Action Rifle	Carbine	
.222 Remington .22 Hornet .22 l.r.	Order No. 1242 $ **124.50** Order No. 1385 **103.50** Order No. 1333 **89.00**	Order No. 1243 $ **142.00**	**Price reduction** for double-pull trigger instead of hairtrigger $ **7.25**



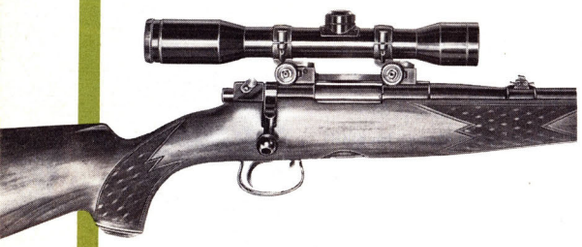
1242, 1333, 1385

1243

Reserve magazines:

.222 Remington	3-shot	$ **4.10**
.22 Hornet	5-shot	**3.65**
.22 l.r.	5-shot	**2.15**
.22 l.r.	10-shot	**2.75**

The Anschütz carbines have the same technical data as the bolt action rifles, but are equipped with elegant full-length stocks, split fore-end, horn insert and horn tip at muzzle end. Barrel length 50 cm.



Anschütz Precision Scope Mount

One piece, with split rings (scope is not dismantled for fitting). The rear clamping ring is provided with a support for windage adjustment. The mount is suitable for most small bore rifles with 11 mm wide dovetail rail.

Price single, ring diameter 22 mm . . . . . $ **13.40**
26 mm . . . . . $ **16.00**

Extra Charge for fitting and sighting-in of Anschütz scope mount,

if rifle and constant magnification scope are bought from us. Sighting-in distance for .22 l.r. caliber, 50 or 75 m, all other calibers 86 m (100 m).

.22 long rifle cal.	$ **1.25**
.22 Hornet cal.	**3.50**
.222 Remington cal.	**5.00**

ANSCHÜTZ Repeating Rifles

The Anschütz action with simple bolt (no locking lugs) is sturdy, durable and reliable. We recommend a hairtrigger for rifles in caliber .22 Winch.-Magnum, as the simple double-pull trigger does not meet exacting standards.

1225, 1230

1226, 1232

1227, 1234

Caliber .22 Winch.-Magnum, 4-shot, with folding rear sight for 100 and 200 m. .22 long rifle, 5-shot, with folding rear sight for 50 and 100 m.

Barrel Special steel, 55 cm long, precision bored, with hooded ramp bead front sight, standing rear sight with folding leaf.

Action Simple bolt, grooved for slide-on scope mounting; repeating mechanism and adjustable double-pull trigger. The bolt has a simple locking mechanism and can be dismantled without tools. Lateral slide safety locks both trigger and bolt against unintentional opening.

Stock Pistol grip stock with sling swivels; in Standard model beech wood without checkering, in Deluxe model walnut with checkering on fore-end and grip, German type cheekpiece and plastic butt plate.

Weight approx. 2.4 kg **Overall length** 101 cm

Prices

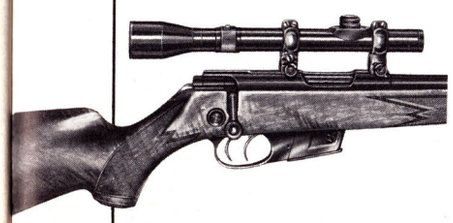
Mod. Stand. cal. .22 Winch.-Magn.	Order No. 1230	$ **49.00**
Mod. Stand. cal. .22 l.r.	Order No. 1225	**40.00**
Mod. Deluxe cal. .22 Winch.-Magn.	Order No. 1232	**53.50**
with hairtrigger	Order No. 1233	**61.00**
Mod. Deluxe cal. .22 l.r.	Order No. 1226	**44.50**
Extra charge for hairtrigger		**7.25**

Anschütz Deluxe Carbine

Same technical data as Deluxe repeating rifle model but with 50 cm long barrel, hairtrigger and elegant full-length stock. Split fore-end with horn insert and horn tip. Weight ca. 2.5 kg.

Deluxe carbine cal. .22 long rifle Order No. 1227 $ **68.50**

Slide-on Scope Mount for Small Bore Rifles Caliber .22 long rifle with rail



We use only solid, tested mounting parts. They are firmly clamped on to the dovetail base on the rifle with knurled-head screws. A setscrew on the tube provides for uniform distance between scope and eye.

The slide-on type mounting guarantees constant accuracy, even when the scope is repeatedly taken off and remounted, if the clamping screws are always tightened in the same order, i.e. first the rear then the front screw. The price for a $2^1/_2$—4 power scope, incl. sighting-in at a distance of 50 m or, if requested, 75 m with shot group, provided that rifle or scope are bought from our firm, is . . . . . $ **14.00**

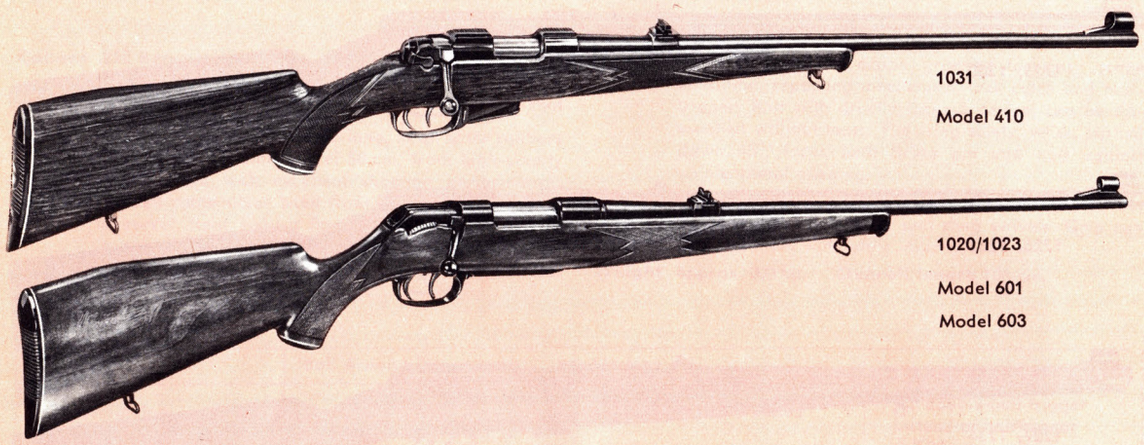
Extra Charges

for cal. .22 Winch.-Magnum	$ **1.25**
for cal. .22 Hornet (5,6 × 35 R)	**2.25**
for cal. .222 Remington	**4.50**
for cal. .243 Winchester, incl. foot plates	**10.50**

Rifles with the above listed calibers are sighted-in at a distance of 86 (100 m) (3-shot group).

Repeating Rifles

The Kriegeskorte Co., manufacturers of sporting firearms, produces technically advanced single-shot and repeating rifles. These rifles are very popular in Germany and abroad. The manufacturer gives a 2 year warranty on each weapon.



1031

Model 410

1020/1023

Model 601

Model 603

Model 410

Caliber .222 Remington

Barrel Special barrel steel, 65 cm long, soldered on, hooded ramp bead front sight. Excellent shooting performance. Rear sight base is ring-attached to barrel. Rear sight for 100, 150 end 200 m.

Action Superb bolt with double locking mechanism. The bolt has a strong cartridge extractor and can be dismantled without tools. Noiseless lever safety blocks both firing pin and bolt. Lock catch and hairtrigger, magazine for four cartridges, 16 mm wide rail for slide-on scope mounting.

Stock Good walnut, checkered, German type cheekpiece and sling swivels. White inserts under grip cap and butt plate.

Weight approx. 3.0 kg, Length 113 cm.

Price Order No. 1031 **$ 131.50**

Model 400 Krico Carbine

Caliber .222 Remington
Same technical data as model 410 but with full-length stock and 55 cm barrel. Blued metal tip cap at muzzle.

Weight approx. 2.9 kg. Length 103 cm.

Price Order No.1033 . . . . . **$ 143.50**

Reserve magazine **5.25**

Model 601

Newly constructed action with smooth sliding bolt, slide safety on right side blocks trigger and bolt. Receiver not grooved but with bores so that two ramps can be screwed in for slide-on mounting. Additional price for ramps . . . . . $ **3.25**

Price .222 Remington caliber Order No.1020 . . . **121.50**

Also for .243 Winchester caliber — see opposite page, bottom.

Model 641

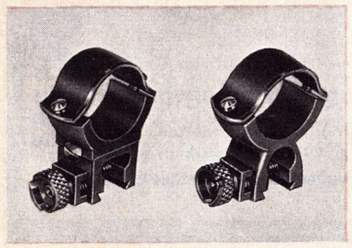
For Target Shooting and Hunting

.222 Remington caliber, with heavier barrel without sights, selected shooting performance, Monte-Carlo stock. Weight approx. 3.4 kg, otherwise as model 601.

Price Order No.1021 . . . . . **$ 138.50**
These Krico Repeating Rifles can be supplied with a double-pull trigger instead of a hairtrigger — same price.

Krico rifles won the 1962 Shooting Championship of the German Hunter's Association. Krico rifles have also won first places in federal and local championships.

"Do-It-Yourself" Slide-On Scope Mount



The skillful Shooter, can fit his scope using the illustrated mount, and also sight-in his weapon. The mounts have split clamping rings, thus it is not necessary to dismantle the scope. Detailed information for fitting, adjusting and sighting-in is provided with each mount.

For weapons with 11 mm wide rail milled of one piece of metal, black-blued.
Special price ring diameter 22 mm Order No. E 522 . . . . . $ **8.65**
ring diameter 26 mm Order No. E 526 . . . . . **8.65**

Slide-On Mount for BRNO-Hornet or Krico Rifles
(16 mm wide dovetail base) ring diameter 26 mm
Special price Order No. E 525 . . . . . **$ 10.50**

Repeating Rifles, 5-shot

Walther weapons are known for their quality the world over. The rifles have an outstanding shooting performance.

Caliber .22 Hornet, .22 Winch.-Magnum, .22 long rifle.

Barrel 56 cm long, high-quality special barrel steel, with hooded bead front sight, tangent rear sight with side precision adjustment; .22 cal. from 25—125 m, all other calibers from 50 to 200 m.

Action Grooved for slide-on mounting. Bolt with double locking, can be dismantled without tools. The Walther hunting safety permits loading and unloading with safety on. The double-pull trigger is fine-adjusted and can be regulated.

Stock Good walnut, pistol grip and fore-end checkered. With German cheekpiece, pistol grip cap and butt plate of artificial horn.

Weight approx. 2.8 kg. **Overall length** 102 cm.

Prices

In Caliber .22 Hornet Order No.1061	$ **94.00**
In Caliber .22 Winch.-Magnum Order No.1067 .	**93.00**
In Caliber .22 Long Rifle Order No.1057 . . .	**80.50**

Extras

Built-in hairtrigger	$ **8.75**
Split full-length stock	**21.50**
Left-hand stock	**4.50**

5-Shot Reserve Magazine

.22 Hornet	**4.50**
.22 Winch.-Magnum	**3.90**
.22 l.r.	**2.55**
.22 l.r. for 8 shots	**3.50**

1061, 1067

1057

New!

Krico Repeating Rifles cal. .243 Winchester

. . . a new rifle in an internationally popular caliber. The .243 Winchester is a roe-deer and chamois cartridge and its low price makes it an inexpensive cartridge for target shooting

Model 603

Cal. .243 Winchester

The newly designed action has a smooth moving bolt. Slide safety on right side blocks both trigger and bolt. Receiver is not grooved but provided with two bores for ramps by which a slide-on mount can be screwed on to the rifle. 3-shot magazine.

Price Order No.1023 . . . . . **$ 121.50**

See illustration on opposite page.

The .243 Winchester cartridge is about twice as powerful as the .222 Remington, and is much stronger than the 5,6 × 52 R. Cartridges, approx. equal to the .243 are the 5,6 × 61 v. H. Sup. Expr. and 6,5 × 57.

Caliber	Make	Type of Bullet	Bullet Weight		Velocity in m/sec.			Impact Energy in m/kg			Height of trajectory over line of sight			Price $ per 100 rounds
			grs.	g	V_0	V_{100}	V_{200}	E_0	E_{100}	E_{200}	100 m	200 m	300 m	
.243 Winch.	Winchester Remington	Spitzer soft point	80	5,18	1067	928	805	301	228	171	1,0 cm	5,0 cm	13,0 cm	**28.75** **28.75**
.243 Winch.	Svenska		85	5,5	935	823	725	245	190	147	1,6 cm	7,7 cm	17,0 cm	**18.75**
.243 Winch.	Svenska Winchester Remington		100	6,5	935	846	750	290	237	186	1,3 cm	7,0 cm	16,0 cm	**18.75** **28.75** **28.75**

BRNO

.22 Hornet Rifle

Price only $ 74.50

BRNO Hornet Repeating Rifle Model 465

Barrel 58 cm long, Poldi special barrel steel, guaranteed excellent shooting performance. Square front sight, standing rear sight for 100 m and leaf sights for 150 m and 200 m. Ramp front sight ring-attached to barrel, rear sight base grooved.

Action Superb bolt action with two locking lugs. Bolt is provided with a strong extractor and can be dismantled without tools. Lever safety blocks both the firing pin and the bolt. Lock catch, 5-shot magazine, hairtrigger, 16 mm wide dovetail rail.

Stock walnut, without cheekpiece, cheekered, butt plate and sling swivels.

Weight approx. 2.8 kg. **Overall length** 104 cm.

Price Order No.1007 . . . . . $ **74.50**

In the German Hunters Association Federal Championships of 1962, the best score made in class B — 190 points, was with a BRNO Hornet repeating rifle.

BRNO Hornet Repeating Rifle $ 74.50 (without scope), with mounted Sornet steel scope 4×36 $ 122.50

BRNO Autoloading Small Bore Rifle $ 68.50

BRNO Small Bore Repeating Rifle $ 68.00

BRNO Autoloading Small Bore Rifle Model 581

Caliber .22 Long Rifle.

Barrel 56 cm long, special barrel steel, with excellent shooting performance. Bead front sight, rear sight for 50 m and 75 m.

Action Bolt action, receiver with 16 mm wide dovetail rail, and horizontal bolt handle. 8-shot magazine, push-button safety on trigger guard.

Stock walnut, with butt plate and sling swivels, without cheekpiece and checkering.

Weight approx. 2.6 kg. **Overall length** 97 cm.

Price Order No.1008 . . . . . $ **68.50**

BRNO Small Bore Repeating Rifle

Model 2

Caliber .22 Long Rifle.

Barrel 63 cm long, of special barrel steel, precision bored, with excellent shooting performance, bead front sight; tangent rear sight adjustable from 25 to 200 m.

Action Bolt action, receiver with 16 mm wide dovetail rail, 5-shot magazine. Bolt can be dismantled without tools. Wing safety blocks firing pin and bolt.

Stock walnut without cheekpiece, pistol grip checkered. Butt plate and sling swivels.

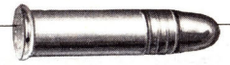
Weight approx. 3.0 kg. **Overall length** 108 cm.

Price Order No.1009 . . . . . $ **68.00**

Small Bore Cartridges

Caliber .22 Long Rifle

With brass case and 2.55 g heavy lead bullet (with "R"-HV and Winch. Super Speed, copper-plated) with rust-free and non-erosive primers, for all rifles of same caliber, in boxes of 50 cartridges. The ballistic data quoted are based on a 65 cm long barrel and taken from the shooting table published by Dynamit AG, Nürnberg (RWS).



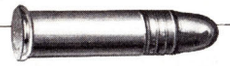
Standard Cartridge .22 Long Rifle

V_0 = 335 m/sec. E_0 = 14,6 mkg
V_{50} = 302 m/sec E_{50} = 11,9 mkg
V_{100} = 276 m/sec E_{100} = 9,9 mkg
Gas pressure approx .1300 atm.

Values above and below 0 show deviations in cm in point of impact at given ranges.

with open sights					with rifle scope				
25 m	50 m	75 m	100 m	150 m	25 m	50 m	75 m	100 m	150 m
+2	+	—9	—24	—82	0	+	—7	—21	—76
+5	+6	+	—12	—64	+3	+5	+	—11	—61
+8	+12	+9	+	—46	+6	+11	+9	+	—44

RWS Mark "R"	Order No.1451	per 100 . . .	$ **1.50**	per 1000	$ **12.50**
RWS "R 50" for match shooting . .	Order No.1450	per 100 . . .	**2.50**	per 1000	
ICI Rifle Club Mark II	Order No.1439	per 100 . . .	**1.50**	per 1000	**12.50**
Lapua Match Grade	Order No.1438	per 100 . . .	**1.70**	per 1000	**14.25**
Western Xpert	Order No.1431	per 100 . . .	**1.90**	per 1000	**16.25**
Western Super Match Mark III . . .	Order No.1432	per 100 . . .	**3.25**	per 1000	**27.50**
Hirtenberger	Order No.1462	per 100 . . .	**1.50**	per 1000	**11.25**
				per 10000	**105.00**
Sellier & Bellot not suitable for autoladings rifles and revolvers . . .	Order No.1436	per 100 . . .	**1.25**	per 1000	**10.50**
				per 10000	**93.50**
Remington Standard	Order No.1471	per 100 . . .	**1.65**	per 1000	**15.00**
				per 10000	**140.25**



.22 Long Rifle HV with Higher Velocity

V_0 = 400 m/sec E_0 = 20,8 mkg
V_{50} = 333 m/sec E_{50} = 14,4 mkg
V_{100} = 296 m/sec E_{100} = 11,4 mkg
Gas pressure approx. 1330 atm.

Values above and below 0 show deviations in cm in point of impact at given ranges.

with open sights					with rifle scope				
25 m	50 m	75 m	100 m	150 m	25 m	50 m	75 m	100 m	150 m
+1	+	—7	—21	—70	0	+	—5	—18	—63
+4	+4	+	—12	—57	+1	+3	+	—11	—54
+6	+10	+9	+	—39	+4	+9	+8	+	—38

.22 Long Rifle HV Mark "R"	Order No.1458	per 100 . . .	$ **1.90**	per 1000	$ **16.25**
.22 Long Rifle Super Speed Make Winch.	Order No.1433	per 100 . . .	**1.90**	per 1000	**16.25**
.22 Long Rifle Hirtenberger . . . . . (with copper-plated bullet)	Order No.1463	per 100 . . .	**1.50**	per 1000	**11.25**
				per 10000	**105.00**
Remington Hi-Speed	Order No.1472	per 100 . . .	**1.65**	per 1000	**15.00**
				per 10000	**140.25**

Make RWS .22 short Mark "R"

V_0 = 295 m/sec E_0 = 8,0 mkg
V_{50} = 268 m/sec E_{50} = 6,6 mkg
Gas pressure approx. 800 atm.

With nickel-plated case for all rifles with same caliber.

Order No.1455 per 100 $ **1.50**, per 500 $ **6.25**

Make RWS Z .22 long Mark "R"

V_0 = 220 m/sec E_0 = 4,4 mkg
V_{50} = 191 m/sec E_{50} = 3,3 mkg
Gas pressure approx. 350 atm.

With 1.8 g lead bullet for single shot and repeating rifles cal. .22 Long Rifle and distances up to 200 m.

Order No.1453 per $ **1.50**, per 500 $ **6.50**.

.22 Short Western Match	Order No.1434	per 100 . . .	$ **1.70**	per 1000	$ **13.65**
.22 Short Hirtenberger	Order No.1461	per 100 . . .	**1.50**	per 1000	**11.25**
				per 10000	**105.00**
.22 Short Remington-Standard . . .	Order No.1476	per 100 . . .	**1.25**	per 1000	**11.90**
				per 10000	**111.25**

Overseas shipment of ammunition:

Most countries do not allow ammunition to be shipped by parcel post. It therefore has to be sent via air-freight or by steamer. Extra costs for packing in wooden cases, forwarding agents, minimum rate charges, etc. are involved. Shipping loaded ammo. is therefore very expensive and only pays when larger quantities are ordered.
Comparison of Metric and Anglo-American Units: please see page 161!

Small Bore Repeating Rifles

Krico rifles have excellent shooting performance. They are elegant in appearance, tested in design and are very moderately priced.

Krico Small Bore Repeating Rifle
5-shot, Deluxe Model

Caliber .22 Long Rifle. **Weight** 2.8 kg. **Length** 110 cm.

Barrel special barrel steel, 63 cm long, with finest rifling and guaranteed excellent shooting performance. Ramp silver bead front sight with detachable hood soldered to barrel. Rear sight for 50, 75 and 100 m.

Action Tested Krico action with grooved receiver, slide safety which also locks the bolt. Adjustable double-pull trigger and 5-shot magazine.

Stock walnut, checkered, German type cheekpiece and sling swivels. White inserts under grip cap and butt plate.

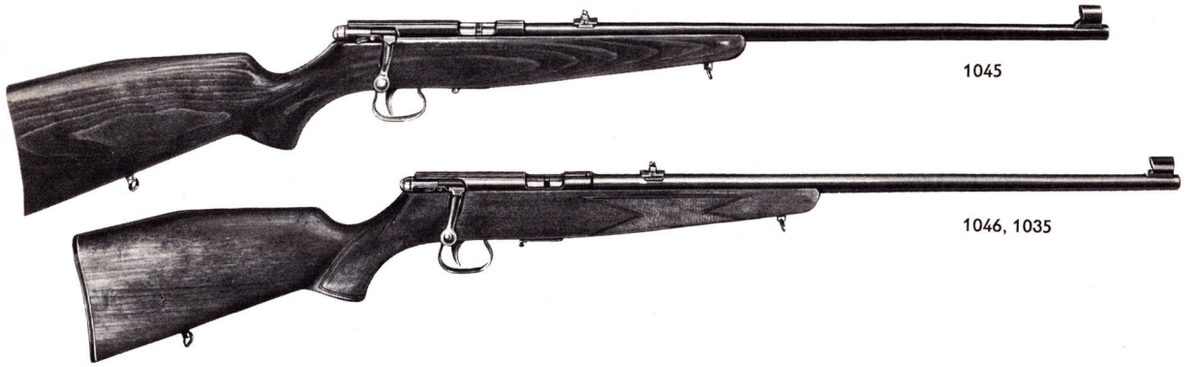
Price **Repeating rifle** Order No. 1042 . . . . . $ **51.75**
Single loader Order No. 1043 . . . . . $ **48.75**

Krico Small Bore Carbine, 5-shot,
Deluxe Model

Same technical data as repeating rifle order No. 1042, but barrel is only 57 cm long. This model has selected shooting performance. The rear sight is mounted on a base. The full-length stock has a metal tip at the muzzle. Moreover, instead of a double-pull trigger the carbine is equipped with a hair-trigger.

Weight 2.7 kg. **Length** 104 cm.

Price Order No. 1044 . . . . . $ **74.25**



Krico Small Bore Repeating Rifle 5-shot
Model Junior I

Caliber .22 Long Rifle. **Weight** 2.5 kg. **Overall length** 104 cm. The barrel is only 57 cm long, the simple bead front sight with detachable hood is mounted on a ramp fitted into a groove on the muzzle. The stock is walnut-stained beech wood without pistol grip cap and insert under butt plate, but is provided with sling swivels.
The other technical data are the same as of other Krico small bore repeating rifles.

Price Order No. 1045 . . . . . $ **41.25**

Krico Small Bore Repeating Rifle 5-shot
Model Junior II

Same technical data as model Junior I but with walnut stock, checkered fore-end and pistol grip.

Price Order No. 1046 . . . . . $ **45.75**

Model Junior II Caliber .22 Winch.-Magnum
Same technical data as model Junior II.
Order No. 1035 . . . . . $ **54.00**

Extras for Krico Small Bore Rifles:

Hairtrigger instead of double-pull trigger (not for automatics) . . . . . $ **9.00**
Tangent rear sight, adjustable from 50 to 200 m . . . . . $ **6.00**

Autoloading Small Bore Rifles

The advanced construction of these popular weapons is the reason for their reliable functioning and very good shooting performance.

Caliber .22 Long Rifle.

Barrel of special barrel steel, 57 cm long, with precision riflings and very good shooting performance. Ramp bead front sight with detachable hood. Rear sight for 50, 75 and 100 m.

Action sturdy, automatic construction with 5-shot magazine. Bolt can be dismantled without tools. Safety and bolt catch are combined in cocking head. Receiver grooved for slide-on scope mounting. Fine-adjusted double-pull trigger.

Stock of walnut with sling swivels. Standard model with butt plate without cheekpiece and checkering. Deluxe model with cheekpiece and checkering. White inserts under grip cap and butt plate.

Weight 2.5 kg. **Length** 104 cm.

Prices

Standard model Order No. 1047 . . . . . $ **53.25**
Deluxe model Order No. 1048 . . . . . **57.00**
Deluxe Carbine Order No. 1049 . . . . . **64.50**

Same technical data as deluxe model but with full-length stock.

Extras

Tangent rear sight, adjustable from 50 to 200 m . $ **6.00**
5-shot reserve magazine $ **1.75,** 10-shot **2.50**
15-shot (only for auto-loaders) **4.15**
When ordering accessories, please state whether you have a repeating rifle or an auto-loader; moreover, please give serial number of weapon.

with eye catching design

multi colored

30 × 42 cm

attachment for nailing on at the top and bottom.

Recommended by the DJV (official German hunting organisation).

Game Conservation signs
sealed in a weather and air tight plastic covering

Price for one . . . . . $ **0.65**
Quantity discount for 5 . . . . . 5%
Quantity discount for 10 . . . . . 10%

.22 Cal. Actions

According to the bolt locking, we distinguish between

repeating rifles with double locking

a) by two symmetrically arranged lugs directly behind cartridge support and through bolt handle. (Krico cal. .222 Rem., .243 Winch., BRNO repeating rifle .22 Hornet).
b) by bolt handle and one additional lug which engages in recess of receiver.
(Anschütz deluxe repeating rifles .222 Rem., .22 Hornet, .22 Magnum and .22 Long Rifle, Walther repeating rifles, Anschütz and Walther match rifles). The latter locks are safer and give better shooting performance.

Repeating Rifles and Single Loaders

With bolt action and simple locking by bolt handle. (Anschütz and Krico).

Flobert Single Loader

With simple locking by bolt handle.

In repeating rifles and single loaders with bolt lock action, the firing pin cocks when the bolt is opened, i.e. when the bolt handle is pushed upwards. In Flobert rifles the firing pin cocks when the bolt handle is pushed forward.

Autoloading Small Bore Rifles

The functioning and accuracy of autolading small bore rifles depends largely on the ammunition used.

Small Bore Single-Shot and Parlor Rifles

Anschütz Small Bore Single-Shot

Caliber .22 Long Rifle.

Barrel special barrel steel, 55 cm long, precision bored, excellent shooting performance. Ramp bead front sight with detachable hood. Simple tangent rear sight for 25, 50, 75 and 100 m.

Action .22 Caliber with push-down type cocking, firm loading platform; side sliding safety which also locks the bolt; adjustable double-pull trigger, receiver grooved for peepsight or scope mounting.

Stock Standard model — walnut stained beech wood. Deluxe model walnut with German type cheekpiece, checkering, butt plate and sling swivels.

Weight approx. 2.3 kg. **Length** 101 cm.

Prices

Standard model	Order No.1221 . .	$ **26.25**
Deluxe model	Order No.1222 . .	**31.00**
Deluxe model	Order No.1223 . .	**42.25**

with hairtrigger and leaf sight for 50 and 100 m.

Anschütz Parlor Rifle

Parlor rifles are particularly good for target shooting and small varmints at a short range. The penetration at a distance of 15 m is approx. 14 to 17 mm into dry pine wood.

Construction is the same as of small bore single shot. The rifled barrel cal. 4.30 mm (No. 7) is only 20 cm long (a longer barrel would reduce performance). A maintenace kit is delivered free of charge.

Prices Standard model Order No.1216 . . . . $ **32.00**
Deluxe model Order No.1217 . . . . $ **36.75**

Extras

Hairtrigger instead of double-pull trigger . . . . . $ **7.25**
Simple peepsight with eyeshade . . . . $ **5.50**

Ammunition for Parlor Rifles, Caliber 4 mm

Rim-fire cartridge, mark "Eichel" (RWS), 4 mm long with bullet No.7 — Order No.1440 . . per 100 $ **0.90**

Rim-fire cartridge, mark "Eichel" (RWS), 4 mm long without bullet — Order No.1443 . . per 250 $ **1.85**

Lead ball shot, to be fitted on rim-fire cartridge 4 mm No.7 = 4.3 mm — Order No.1810a . per 250 $ **0.30**

Lead ball shot, to be fitted on rim-fire cartridge 4 mm No.12 = 4.55 mm — Order No.1810 . . per 250 $ **0.35**

According to German law, firearms and ammunition, and also air guns and air-gun ammunition, may only be sold to persons who are 18 or older.

Flobert Rifles (Single Loaders)

in Caliber **6 mm, smooth**
9 mm, smooth
6 mm, rifled
.22 Long Rifle, rifled

Anschütz-Flobert Rifle Standard Model

Barrel special steel, 55 cm long, smooth or rifled, with bead front sight adjustable step rear sight.

Action Simple Flobert lock without loading platform; reliable double-pull trigger and slide safety.

Stock beech wood, with walnut stain.

Weight approx. 2 kg. **Length** 99 cm.

The 6 mm Flobert round bullets give good performance when fired in smooth and rifled barrels up to a distance of 20 m. (Penetration into dry pine approx. 20 mm at a distance of 10 m). However the 9 mm round bullet is inaccurate.

All .22 cartridges can be used in rifles chambered for .22 caliber Long Rifle. For Distances up to 20 m we recommend the RWS Z-22 Long Rifle Indoor Cartridge. Its report is no louder than that of the 6 mm Flobert round bullet but it is more accurate.

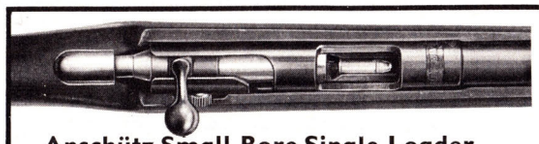
These rifles are most useful for pest control. The 6 mm Flobert Long Rim-Fire Shotshells with double charge can kill smaller pests up to distances of 10 m and in cal. 9 mm up to approx. 15 m. They can be fired only in smooth barrels.

Anschütz-Flobert Rifle Deluxe Model

Same technical data as Standard model except for walnut stock, German type cheekpiece, checkering on pistol grip, butt plate and sling swivels.

Prices

Caliber	Standard Model		Deluxe Model	
6 mm smooth	Order No.1201	$ **16.50**	Order No.1202	$ **20.75**
9 mm smooth	Order No.1205	**16.50**	Order No.1206	**20.75**
6 mm rifled	Order No.1211	**17.25**	Order No.1212	**21.50**
. 22 Long Rifle, rifled	Order No.1213	**17.25**	Order No.1214	**21.50**



Anschütz Small Bore Single Loader with Better Flobert Lock

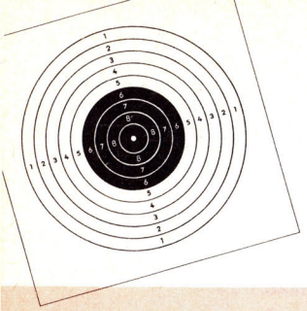
The firm loading platform permits easy loading. Ramp front sight with hood. Otherwise as Standard model with simple Flobert lock, cal. .22 Long Rifle, rifled.

Price
Standard model with beech wood stock Order No.1305 $ **19.75**
Deluxe model with walnut stock Order No.1310 $ **24.00**

Ammunition for Flobert Rifles, 6 mm and 9 mm

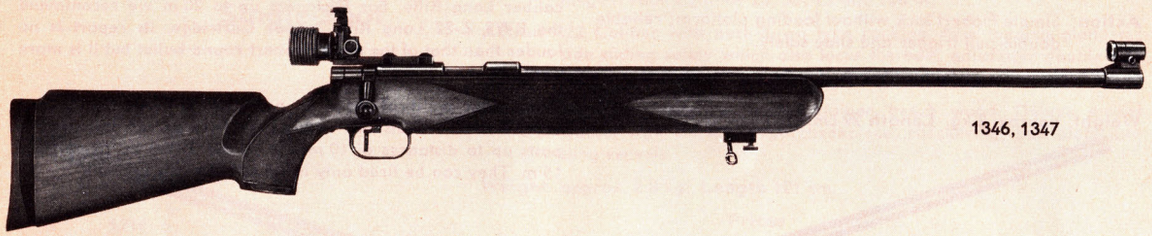
6 mm lead ball shot, "Eichel" — Order No.1406 . . . . . per 100 . . . . $ **1.25**
9 mm lead ball shot, "Eichel" — Order No.1420 . . . . . per 50 . . . . **1.65**
6 mm Long Rim-Fire Shotshell, "Fiocchi" — Order No.1412 . . . . . per 100 . . . . **3.25**
9 mm Long Rim-Fire Shotshell, "Fiocchi" — Order No.1423 . . . . . per 50 . . . . **2.90**

For **overseas shipment** of ammunition please see the bottom of pages 44 and 103!



For Tournament Shooting

Small bore target rifles are the supreme achievement in the field of sporting firearms. They excel through their first-class barrels, precision sights, specially designed stock, excellent balance and remarkable trigger assemblies.



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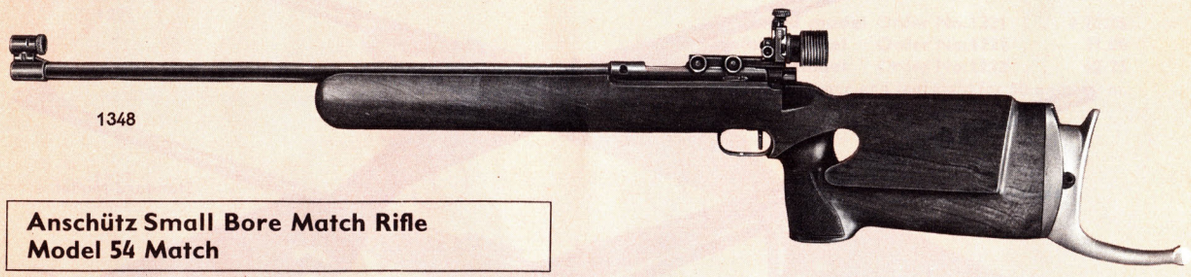


1348

Anschütz Small Bore Match Rifle Model 54 Match

Caliber .22 Long Rifle. **Weight** 4.4 kg. **Length** 110 cm.

Barrel first-class barrel steel, 65 cm long, precision bored, sighted in at 50 m. Globe front sight detachable with hood. Micrometer peepsight with rubber eyeshade.

Action Tested single shot, grooved for peepsight or scope mounting. Bolt is precision fitted, with double locking and extra short firing pin travel. Wing safety blocks both the firing pin and the bolt; the match trigger can be fine-adjusted.

Stock walnut with checkering. Cheekpiece, sling swivels and butt rubber pad are adjustable.

Prices With micrometer peepsight, Order No. 1346 $ **93.50**
With special peepsight, Order No. 1347 . . $ **98.50**

Anschütz Target Rifle Model 54

Same technical data as model 54 Match but with thumbhole stock and adjustable hook plate on butt. Without sling swivels. Especially designed for target shooting at a distance of 100 m. Weight 5.5 kg.

Price with micrometer peepsight, Order No. 1348 $ **119.50**

Extras:
Combined hairtrigger/double-pull trigger . . . . . $ **10.50**
Interchangeable action .22 Long Rifle or 4 mm (No. 12) **57.25**
The models 54 are supplied as indoor rifles in cal. 4,30 or 4,50 at same prices.

Walther Small Bore Target Rifle Model KKM

Caliber .22 Long Rifle.

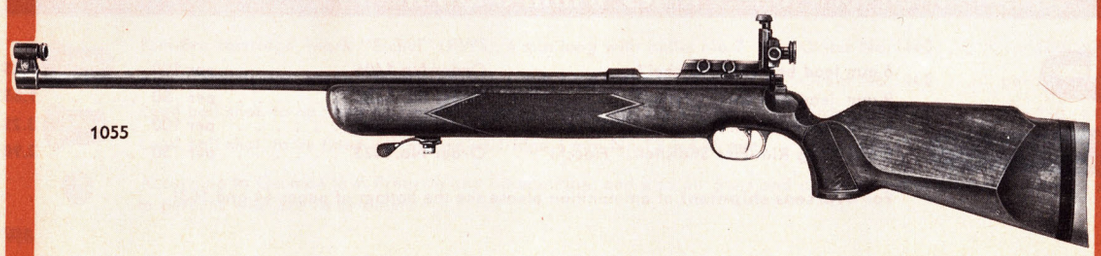
Barrel high-quality special barrel steel, 65 cm long, precision bored, with ramp and two bead front sights, prism peepsight with rubber eyeshade.

Action Single shot action, receiver grooved, with wing safety and match trigger which can be fine-adjusted.

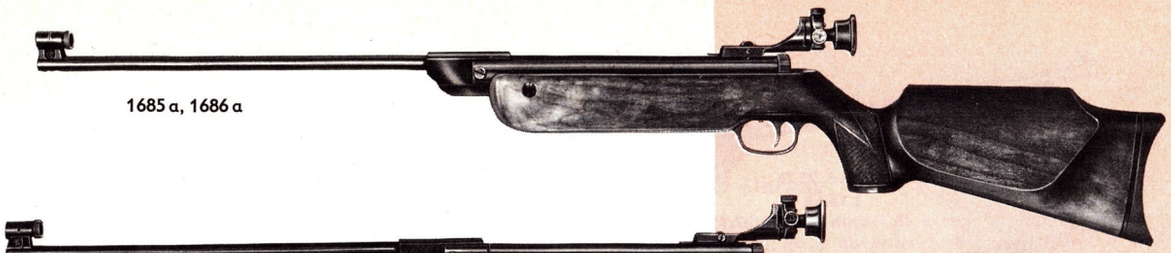
Stock walnut with checkering. Cheekpiece, sling swivels and rubber butt pad are adjustable.

Weight 4.5 kg. **Length** 112 cm.

Price
Model KKM Order No. 1055 . . . . . $ **93.75**
Model KKM II Order No. 1056 a **113.50**
with hook butt plate and palm rest.



1055



1685 a, 1686 a

1687 a

Walther Master Air Rifle Model 55 M

Caliber 4,5 mm.

Barrel special steel, precision bored, with guaranteed excellent shooting performance. Ramp with blade and two ring front sights, Micrometer peepsight with rubber eyeshade.

Action breech action, adjustable match trigger with extremely soft pull. All metal parts are blued.

Stock beech wood or walnut with checkering, and moulded rubber pad in Olympic style. Tyrolean stock made in walnut only.

Weight 4.0 kg. **Length** 105 cm.

Prices
with Olympic beech wood stock Order No. 1686 a . . $ **56.25**
with Olympic walnut stock Order No. 1685 a . . **60.00**
with Tyrolean walnut stock Order No. 1687 a . . **70.00**

Extras

Barrel weight . . . . . $ **4.75**
Micrometer peepsight **3.25**
Prism peepsight **4.00**
Hairtrigger **5.50**
Left-hand stock: beech wood $ **4.50** . . . . walnut **5.50**
Left-hand stock with Tyrolean cheekpiece **9.75**
Ramp with optics "Eagle eye" (globe front sight) . . **6.00**
Hensoldt or Seibert optical sighting disc **12.75**

The shockproof DIANA Match Rifle LG Model 60 costs $ **78.00.**

The Hämmerli-CO_2-Match and Sporting Rifle costs with peepsight $ **78.25**; the simple design model Junior with micrometer peepsight $ **48.75.**

Anschütz Match Air Rifle Model 220

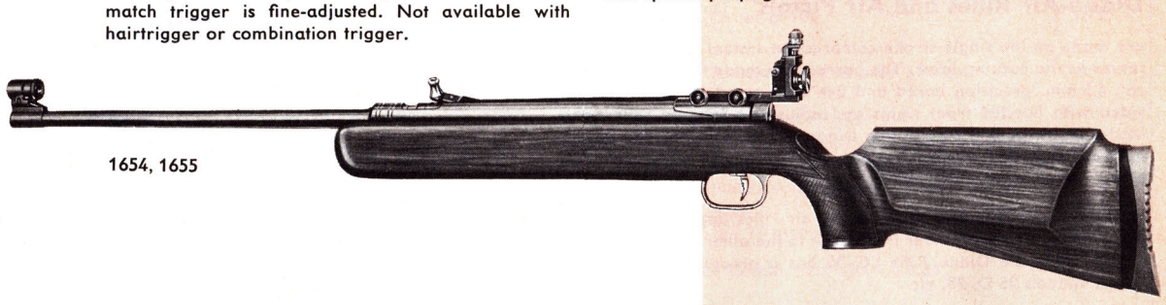
Caliber 4,5 mm. **Weight** approx. 4,5 kg. **Length** 114 cm.

Barrel Fixed steel barrel, precision bored, with guaranteed excellent shooting performance. Self locking loading platform, detachable tunnel with one blade and three ring front sights.

Action Cocking is effected by a laterally mounted lever. The match trigger is fine-adjusted. Not available with hairtrigger or combination trigger.

Stock walnut with rail for sling swivel or hand rest. Checkering, cheeckpiece, adjustable rubber pad.

Prices
without peepsight Order No. 1653 $ **79.25**
with micrometer peepsight Order No. 1654 **91.25**
with special peepsight with scale Order No. 1655 **96.25**



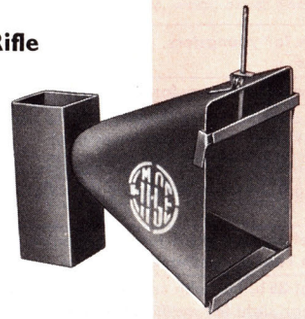
1654, 1655

Ammunition for Air Rifle

Diabolo-pellets 4,5 mm
Order No. 1801
Make RWS or
Händler & Natermann

Per 100 . . . **0.15**
Per 200 . . . **0.25**
Per 500 . . . **0.55**

On orders for 5000 pellets we give a quantity discount of 10 %, on orders for 10000 pellets the discount is 15%.



Bullet Trap EM-GE

from green-sprayed steel plate. Adjustable for targets 14×14 cm 11×11 cm. This bullet trap can be used for outdoor and indoor target shooting.

Order No. 1871 $ **2.35.**

Models 25 D, 27 and 35 are available also with DIANA 2,2×14 scope, crosshair reticule, double adjustments, incl. slide-on-mount, at an extra charge of $ 11.25.

Diana-Air Rifles

Diana-Air Rifles and Air Pistols

are made on the single stroke compression system where the barrel serves as the cocking lever. The barrels are made from special steel, cal. 4,5 mm, precision bored and are very accurate. They are provided with hooded front sights and adjustable tangent rear sights. Model 23 has a double-pull like triggering device, all other models have an adjustable special double-pull trigger. All metal parts are blued, beech stock wood, dark colored.

The range and penetration power of air rifles depends on the size of the compression chamber in relation to the other parts. Therefore, for example, the Diana Rifle LG 35 has a greater range than the lighter models 25 D, 23, etc.

Diana Air Pistol Model 5

Barrel 18 cm long, hooded front sight, step adjustable rear sight, adjustable double-pull trigger, plastic grip.
Weight 1.2 kg. **Length** 40 cm. **Price** $ **16.85.**
Model 6 shockproof, new construction for competitions, otherwise as model 5 Price $ **33.00.**

Model		Weight	Length	Price
Diana LG 23	Sturdy air rifle for youngsters, good performance even at distances greater than 10 meters	1,8 kg	91 cm	$ 12.50
Diana LG 25 D	Popular for target shooting, for killing small pests	2,3	97	16.50
Diana LG 27	The "classic" air rifle which helps build the reputation of Diana rifles, protected front bead sight, Micro rear sight	2,7	106	22.50
Diana LG 35	Top performance through very great compression chamber, strong spring, tunnel front sight, micrometer spring rear sight interchangeable front bead sight, rib	3,0	112	27.00
Diana LG 35 b	Same as model 35, but with 4 interchangeable front sights. Micrometer peepsight with rubber eyeshade instead of open rear sight	3,3	114	36.75
Diana LG 35 M	Same as model 35 b, but with special stock for competitive shooting. Micrometer rear sight for model 35 b/M $ 1.90	3,7	115	44.25

Weihrauch — Long Range-Air Rifles

Model 35 Standard

Caliber 4,5 mm, rifled. **Length** 112 cm **Weight** approx. 3.8 kg.

Barrel special steel, 50 cm long, precision bored, with very good shooting accuracy. Hooded ramp front sight with four interchangeable sights, micrometer rear sight.

Action Break — down action with wedge type lock. Especially large compression chamber, dovetail base for peep-sight mounting, extra strong spring. Match trigger can be set as hairtrigger.

Stock beech wood, walnut stain, fore-end grooved, butt plate. This air rifle is particularly popular because of its unusually long range and penetration power.

Price $ **26.40.**

Model 35 Deluxe

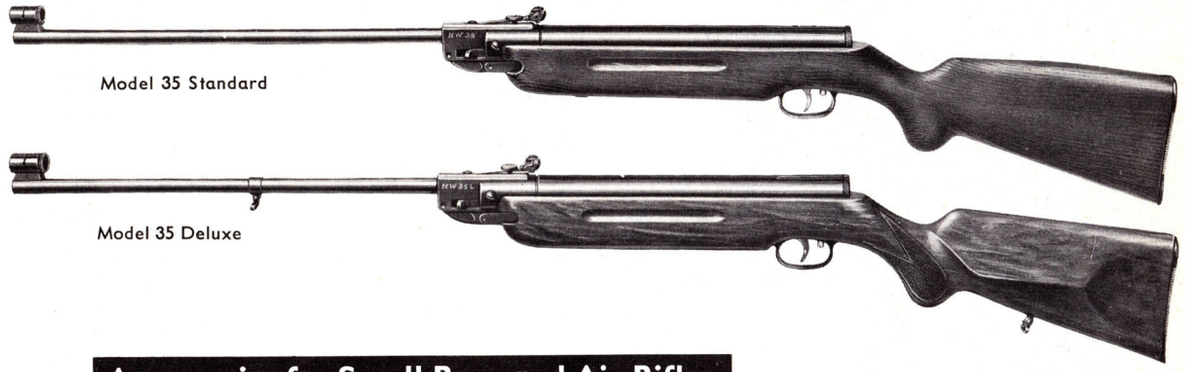
Same technical data as model 35 except for walnut stock with checkered pistol grip, Bavarian type cheekpiece and sling swivels.

Price $ **33.10.**

Model 35 Export

Same technical data as model 35 but with 56 cm long barrel and beautiful, grained walnut stock with special cheekpiece and sling swivels. Ivory colored inserts under grip cap and butt plate. An ideal weapon for experts and those desiring a long-range air rifle.

Price $ **37.40.**
Scope mount $ **8.65.**



Model 35 Standard

Model 35 Deluxe

Accessories for Small Bore and Air Rifles

Targets

German air rifle target Order No. 1901

The standard target of the German shooters' Association for 10 m. Size 14×14 cm, 10 rings black, dia of bull 38 mm.

per 100 . . . . . $ **0.50**
per 1000 . . . . . **4.00**

German small bore rifle target
Order No. 1920

on stronger paper for 50 m, size 34×34 cm, 10 rings, bull dia. 12 cm officially approved by the German Shooters' Association.

Order of 10 . . . . . $ **0.20**
Order of 100 . . . . . **1.40**

Game Target Order No. 1951

in a variety of 15 different colored pictures, with rings, size 14×14 cm, with round game picture (10 cm diameter).

Order of 10 . . . . . $ **0.20**
Order of 100 . . . . . **1.75**

Round wooden game target
Order No. 1955
on 5 mm thick plywood.

Has oak leaf decoration on the edges, beautiful illustrations. Target diameter 30 cm. Illustration diameter 18 cm.

Each . . . . . $ **1.50**
Per 10 targets **13.10**

Adhesive tape for targets Order No. 1945, black or white, in coils, diameter 15 mm, per 1.000 $ **0.25**

Rifle cases

Case for Flobert- or air rifle
Order No. 3641

rugged, green canvas with flap, leather lined and leather shoulder strap.

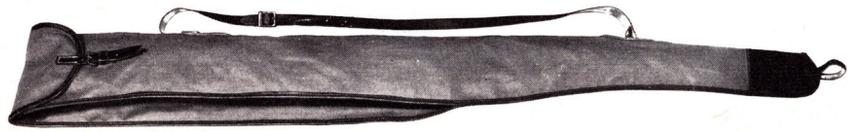
100 cm long . . . $ **2.30**
110 cm long . . . **2.40**
115 cm long . . . **2.60**

Case for match air rifles
Order No. 3644

with mounted peepsight, or for small bore rifles with strong fore-end and peep-sight; rugged, olive-green canvas, with wide fold; leather shoulder strap and 10 cm long leather reinforced muzzle end and hanging tip . . . $ **4.00**

Cleaning kit for air rifles Order No. 1850
with steel rod, wool, brass and bristle brush for cal. 4,5 mm.
Price . . . . . $ **0.50**

Target sling for small bore match rifles
Order No. 3322
Approx. 40 cm wide, natural cowhide, with strong buckle adjustment and non-slip rubber pad. Three movable leather straps and a leather wedge serve to fit the sling firmly on the upper arm. Developed and tested by a German master shooter . . . . . $ **3.20**



Revolvers and Pistols

German Law governing the purchase of revolvers and pistols **within Germany.**
Our Foreign customers will most likely need a licence in order to purchase a handgun.
Check with your local Authorities on this!
Also note: Military personell in Germany must in addition to the above submit their military licence.
Shipment of handguns on trial does not apply to foreign customers. —
The customer desiring to purchase a handgun must always submit to us his valid hunting licence (a legally authorized photostat also allowed), or a gun licence. Please submit one of these licences with your order for handguns because according to German law it does not suffice that you merely indicate the licence number. The law requires that we see it. We will return the licence with your order.
If you have none of the above mentioned papers you must apply for a pistol permit from the local authorities. We will gladly send you application — forms free of charge. If there is no doubt as to the character of the applicant and an actual need for the weapon exists, the application will be accepted and the licence granted.

An explanation on the legal term "to carry a weapon" can be found on page 7. Carrying an unloaded handgun to or from the shooting range is not considered "carrying a weapon". We only sell makes and models of tested design. In addition to their excellent construction and performance, the BRNO pistols and the Italian Galesi pistols are very moderately priced.

To judge the performance of pistols in calibers .22 Long Rifle, 6,35, 7,65, 9 mm short and 9 mm Parabellum it is necessary to compare the ballistic data of these cartridges:

Caliber	.22 l.r.	6,35 mm	7,65 mm	9 mm short	9 mm Parabell.
Muzzle velocity (V_0)	320	230	300	265	327
Impact energy (E_0)	13,5	8,8	21,2	21,5	43,6
Penetration power into soft pine at a distance of 25 m	60 mm	90 mm	130 mm	150 mm	350 mm

From the above table it can be seen that the 6,35 mm cartridge is effective only at short distances. The .22 l.r. handgun is not only a perfect defense weapon but also an excellent practice weapon, as the ammunition used is inexpensive
The 7,65 mm or 9 mm short calibers have an excellent shock effect and are considered sufficient even for police use.

Pistols and Revolvers for Self-Defense

BRNO Pocket Pistol Model TEZET Cal. 6,35 mm

7-shot, with revolver trigger, no safety. It is absolutely safe to carry the pistol loaded in the pocket; the pistol can be cocked only by pulling the trigger. The shot is then fired.

Overall length	124 mm
Overall height	90 mm
Weight without cartridges	400 g
Cartridges in magazine	7
Blued model	$ **14.75**
Reserve magazine	**1.50**

BRNO Automatic Pocket Pistol Model M 50 Cal. 7,65 mm

An effective, rugged pistol with revolver trigger and exterior hammer. It is absolutely safe to carry it loaded and uncocked and with safety on. It can be quickly fired by releasing the safety and pulling the trigger.

Overall length	170 mm
Overall height	110 mm
Weight without cartridges	700 g
Cartridges in magazine	8
Blued model	$ **34.50**
Reserve magazine	**3.10**

FN-Browning Pistol "Baby" Pocket Model Cal. 6,35 mm

One of the lightest and smallest pistols in 6,35 mm. It is simple, sturdy and functions reliably. Side safety (magazine safety with 2-fold effect and drop safety which prevents a shot from being fired if weapon is dropped).

Overall length	104 mm
Overall height	72 mm
Weight without cartridges	275 g
Cartridges in magazine	6
Blued model	$ **28.25**
6-shot reserve magazine	**2.65**

14.75

34.50

28.25

BRNO

sturdy, reliable — and low in price

WALTHER

Through the years, Walther pistols have always maintained their place among the best of the automatics. Special technical features are instant cocking by simply pulling the trigger as with a revolver; when the safety is on weapon can be loaded without cocking the hammer; the hammer is automatically uncocked by putting the safety on.

Walther Pistol Model PPK

in three calibers in the steel model or two calibers in .22 L.R. and 7,65 mm, light weight model. This popular police pistol is also preferred by civilians.

	.22 L.R.	7,65 mm	9 mm short
Barrel length	83 mm	83 mm	83 mm
Overall length	155 mm	155 mm	155 mm
Overall height	100 mm	100 mm	100 mm
Magazine capacity	9	7	6
Weight without cartridges, steel frame	560 g	560 g	590 g
Weight without cartridges, light metal fr.	440 g	470 g	—
Steel with reserve magazine	**60.50**	**56.25**	**56.25**
Light metal with reserve magazine	**66.25**	**62.25**	—

Model PPK 56.25

Walther Pistol Model PP

bigger and heavier than model PPK; it is particularly suited for bank guards or law-enforcement work. Available in three calibers.

	.22 L.R.	7,65 mm	9 mm short
Barrel length	98 mm	98 mm	98 mm
Overall length	170 mm	170 mm	170 m
Overall height	109 mm	109 mm	109 m
Magazine capacity	10	8	7
Weight without cartridges	655 g	690 g	695 g
Made in steel only Price with reserve magazine	**62.75**	**58.50**	**58.50**

Model PP 58.50

Walther Pistol Model P 38 Caliber 9 mm Parabellum

the famous military pistol, improved design. With light metal grip and extremely low weight of only 780 g.

Overall length	214 mm	Weight without cartridges	780 g
Overall height	136 mm	Ordnance blue finish	$ **80.00**
Magazine capacity	8 shot	High-polish blue finish	**85.60**
		Price incl. reserve magazine	

Model P 38 80.00

Galesi-Pistol Model 503a, Cal. 6,35 mm and Model 506a, Cal. .22 L.R.

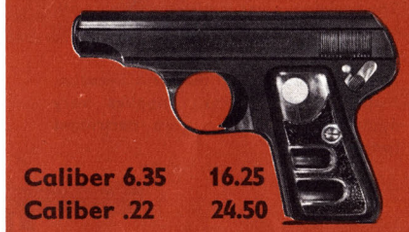
Galesi pistols are elegant in design, reliable in function and surprisingly low-priced. They have a side lever safety and are loaded by pulling back the action slide. This automatically blocks the weapon. Grips are of artificial horn and the specially designed finger supports permit steady holding of gun.

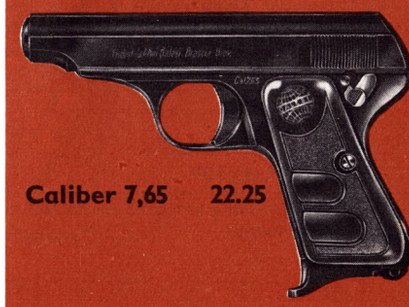
Galesi-Pistol Model 512a Caliber 7,65 mm

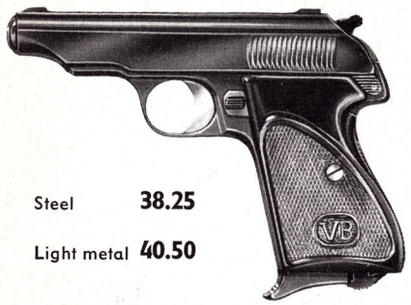
Extremely low-priced

Same technical data and design as small, handy pocket pistol model 503a in cal. 6,35 mm.

	Model 503a	Model 506a	Model 512a
	6,35 mm	.22 L.R.	7,65 mm
Overall length	116	113	115
Overall height	80	96	118
Magazine capacity	7	7	7
Weight without cartridges	360 g	450 g	700 g
Price without reserve magazine	**16.25**	**24.50**	**22.25**
Reserve magazine	**1.50**	**2.25**	**2.00**


Caliber 6.35 16.25
Caliber .22 24.50


Caliber 7,65 22.25



Steel **38.25**

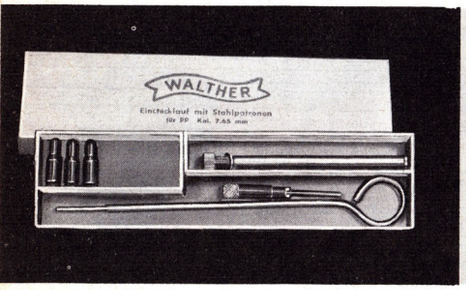
Light metal **40.50**

Bernardelli Automatic Pistol

Caliber 7,65 mm und .22 L.R.

	7,65 mm	.22 L. R.
Overall length	165 mm	165 mm
Overall height	123 mm	123 mm
Magazine capacity	8	10
Weight without cartridges, in steel	670 g	670 g
Weight without cartridges, in light metal	510 g	510 g
Price with reserve magazine in steel	**38.25**	**38.25**
Price with reserve magazine in light metal	**40.50**	**40.50**

Bernardelli Pistols excell through excellent workmanship, faultless shooting performance and moderate prices. They have an exterior hammer, stationary barrel, thumb safety on the side magazine and trigger safety, magazine catch, contoured grips of artificial horn.



Walther Insert Barrels for Pistols

Caliber 7,65 and 9 mm

for target shooting. The magazine is filled with Dummy cartridges which take the small cartridge M 20, caliber 4 mm. After each shot the Dummy cartridges must be pushed into the chamber by pulling back the action slide. This type of ammunition can even be used for indoor target shooting. Please quote model of pistol, barrel length and caliber.

With 3 steel cartridges for caliber 7,65 mm and 9 mm short	$ **7.70**
With 3 steel cartridges for caliber 9 mm Parabellum	**8.90**
Steel cartridges, unit price	**0.48**
100 training cartridges M 20 4 mm	**1.50**

71.00
Cal. .38 Special

Smith & Wesson-Revolver

.38 Chief's Special

A weapon which meets the most exacting standards. For more than 100 years this American manufacturer has been internationally known for high quality precision weapons. Model .38 Chief's Special has 5 shots. Barrel length 5 cm or 7,5 cm. Weight without cartridges 540 g, fixed sights blued. $ **71.00.**

The same revolver is also available with forged light-metal frame and a weight of only 380 g. $ **76.50.**

In caliber .38 Special the Firm Svenska-Metallverken, Sweden, supplies very moderately-priced accurate cartridges (page 117).

41.50
Cal. .38 Special

Ruby-Extra-Revolver

Model XII

A low-priced weapon for self-defense modelled after the action of the Smith & Wesson revolvers. Less suited for target shooting as weapon is not provided with micro-rear sight. $ **41.50** Cal. .22 Long Rifle same price.

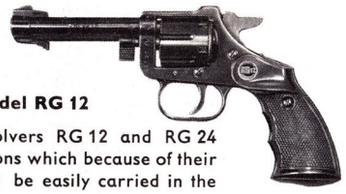
76.50
Cal. .38 Special

Colt-Pocket-Revolver

Model Agent

The particularly handy shape makes this weapon the most popular of the pocket revolvers. The weapon has 6 shots and can only be supplied with a 5 cm long barrel. $ **76.50.**

	Smith & Wesson	Ruby Extra Model XII	Colt Agent
Barrel length	50 + 75 mm	100 mm	50 mm
Overall length	from 155 m	230 mm	170 mm
Overall height	105 mm	120 mm	105 mm
Number of shots	5	6	6
Weight without cartridges	from 380 g	840 g	480 g
Price	from **71.00**	**41.50**	**76.50**



Röhm Revolver

Caliber .22 Long Rifle Model RG 12

The low-priced Röhm revolvers RG 12 and RG 24 are also good defense weapons which because of their shape and low weight can be easily carried in the pocket.

Overall length	200 mm
Overall height	110 mm
Weight without cartridges	480 g
Price RG 12 $ **13.00**	RG 24 $ **14.50**

Model RG 24 — same as RG 12 except that the drum is not fixed but swing out sideways.

Röhm Gas and Alarm Pistol, Browning Type

Model 5, 6-shot

Blued model (Order No. 2035)	$ **5.25**
Chrome-plated model (Order No. 2036)	**6.00**
Flobert blanks Cal. 6 mm, skirted crimped Box with 100 pcs. Order No. 1101	**1.10**
Gas cartridges Order No. 1120 Box with 10	**0.90**

Pistols and Revolvers for Target Shooting

Bernardelli Automatic Pistol

Caliber .22 Long Rifle

Sporting Model

Same technical data as Bernardelli Pistol in cal. 7,65 mm and .22 Long Rifle on page 114 but especially fitted with longer barrel and step adjustable rear sight for target shooting. Exterior hammer. Hand-fitting grip with thumb-rest. In steel only.

Overall length	220 or 270 mm
Barrel length	150 or 200 mm
Overall height	123 mm
Magazine capacity	10
Weight without cartridges	725 or 760 g
With reserve magazine	$ **49.50**

49.50

Walther Automatic Pistol

Caliber .22 Long Rifle

Sporting Model

Similar to Walther model PP but with longer barrel; this gives longer line of sight and more accuracy. Sights — Partridge type, anti-glare, fixed-blade front sight. Square notch rear sight, adjustable for windage and elevation. Broad hammer. Grips of artificial horn with thumb-rest. Light, crisp pull of trigger safeguards high accuracy.

Technical Data	Type 230	Type 280
Overall length	230 mm	280 mm
Barrel length	155 mm	206 mm
Overall height	125 mm	125 mm
Magazine capacity	10 units	10 units
Weight without cartridges	690 g	725 g
Price incl. reserve magazine	$ **70.00**	$ **70.00**

70.00

Colt Woodsman Match Target Pistol

Caliber .22 Long Rifle

When the magazine is empty and breech is open an outside lever closes the action without removing the magazine. This safety factor is very important on the shooting stand. Adjustable square notch click rear sight and blade front sight; grips of walnut with thumb-rest.

Overall length	268 mm
Barrel length	152 mm
Magazine capacity	10
Weight without cartridges	1133 g
Blued model	$ **88.75**

88.75

Walther Rapid-Fire Match Pistol Model "Olympia"

Caliber .22 Short

An outstanding new construction. Grips — Full thumb-rest, adjustable support for high of hand, safety lever on left side, windage and elevation adjustable Partridge type sights. Detachable barrel weight.

Overall length	300 mm
Magazine capacity	5
Weight with barrel weight	1150 g
Price with reserve magazine, barrel weight and cleaning rod	$ **137.50**

137.50

Hämmerli International Rapid-Fire Pistol

Model 506 **Caliber .22 Short or .22 Long Rifle**

Fits excellently in hand, fixed adjustable rear sight, adjustable trigger, muzzle brake, standard grips of walnut. $ **169.50.**

With adjustable hand support grips according to UIT standards, walnut. $ **185.75.**
Model 702.

Overall length	315 mm
Overall height	135 mm
Barrel length	180 mm
Magazine capacity	.22 short 6/L.R. 8
Weight without cartridges and weights	940/1100g
Price	$ **169.50**

169.50

94.50

Colt Revolver Officers Match

Caliber .22 Long Rifle
.22 Winchester-Magnum,
.38 Special

Innumerable shooting records have been set with this gun. Extra broad hammer and grips for target shooting. Adjustable click rear sight.

Barrel length	152 mm (6″)
Length of line of sight	180 mm
Overall length	285 mm
Number of shots	6
Weight without cartridges in cal. .22 Long Rifle	1219 g
Weight without cartridges in cal. .38 Special	1106 g
Price in all three calibers	$ **94.50**

88.25

Smith & Wesson Revolver Masterpiece

Cal. .22 Long Rifle, .22 Winchester-Magnum, .38 Special

Fits excellently in the hand, extra short trigger pull, micrometer click rear sight and wide blade front sight. At an extra charge of $ **13.50** also available with sporter grips, sporter hammer and sporter trigger.

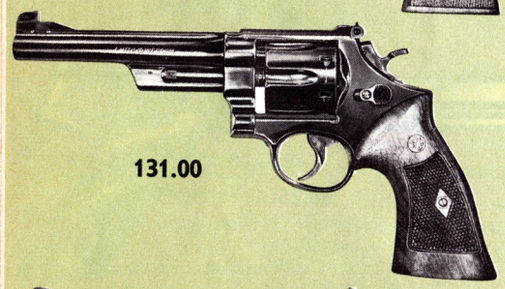
Barrel length	152 mm (6″)
Length of line of sight	188 mm
Overall length	280 mm
Number of shots	6
Weight without cartridges	1090 g
Price in three calibers	$ **88.25**

94.50

Colt Revolver Trooper **Caliber .357 Magnum**

Because of its sturdy design and powerful caliber this weapon is ideal both for training and defense purposes. (Also takes all .38 Special cartridges.) With adjustable click rear sight.

Barrel length	152 mm (6″)
Length of line of sight	190 mm
Overall length	285 mm
Number of shots	6
Weight without cartridges	1220 g
Price (Target-Model)	$ **94.50**



131.00

Smith & Wesson-Revolver **Cal. .357 Magnum, Model 27**

One of the heaviest, large caliber target and defense revolvers. Also takes all .38 Special cartridges, 6-shot, wide blade front sight, adjustable click rear sight.

Barrel length	152 mm (6″)
Length of line of sight	188 mm
Overall length	288 mm
Number of shots	6
Weight without cartridges	1247 g
Price	$ **131.00**

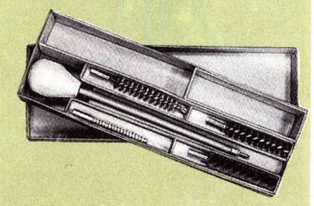
129.50

Colt Revolver Model Python **Caliber .357 Magnum**

A hand-worked deluxe model. Unusually short pull, broad hammer, sporter grips, click rear sight, blade front sight, ventilated rib.

Barrel length	152 mm (6″)
Length of line of sight	190 mm
Overall length	285 mm
Number of shots	6
Weight without cartridges	1247 g
Price	$ **129.50**

Shoulder Holster
first-class leather,
natural color,
for cal. 6,35 mm $ **4.15**
for cal. 7,65 mm $ **4.40**



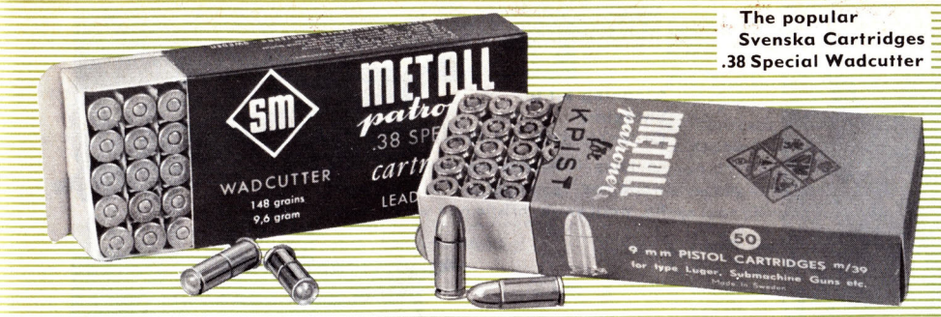
Leather case for pocket
for cal. 6,35 mm $ **1.00**
for cal. 7,65 mm $ **1.25**

Pistol case
from stiff cowhide
with belt loop
for cal. 6,35 mm $ **3.40**
for cal 7,65 mm $ **3.90**

Cleaning Rod Kit $ **1.25**
for cal. 6,35, 7,65 or 9 mm
Silk oakum 100 g $ **0.40**
Ballistol Gun-Oil $ **0.45**

Used BRNO Pistols

Model Zet, 7,65 mm, 8-shot, with iron sights, left-hand safety, outside hammer; length 155 mm, height 120 mm, weight without cartridges 680 g $ **19.75.**



The popular Svenska Cartridges .38 Special Wadcutter

A well-known German Rifle club wrote to us recently: "We can't praise these cartridges too highly. They excell through outstanding quality, which as we all know greatly influences accuracy. This outstanding quality is crowned by the carefully prepared powder charges and uniform greasing. To this date we haven't had a single dud."

Pistol and Revolver Ammunition

Caliber	Make	Type of bullet	Weight of bullet	V_0 m/sec	E_0 m/kg	Box of 25	Box of 50	Box of 100	Box of 500
Cartridges for pistols									
.22 Long Rifle (stand. cartr.)	RWS	3	2,55	335	14,6		**0.75**	**1.50**	**6.25**
.22 Long Rifle HV	RWS	3	2,55	400	20,8		**0.95**	**1.90**	**8.15**
Z .22 Long (indoor cartridge)	RWS	3	1,8	220	4,4		**0.75**	**1.50**	**6.50**
.22 Short	RWS	3	1,8	295	8,0			**1.50**	**6.25**
.22 Long Rifle Sup. Speed	Winchester	3	2,6	407	21,85		**0.95**	**1.90**	**8.15**
.22 Winchester-Magnum	Winchester	4	2,6	609,6	49,1		**3.50**	**7.00**	**35.00**
6,35 mm (.25 cal.)	Geco	1	3,25	230	8,8	**1.40**		**5.45**	**26.25**
7,65 mm (.32 cal.)	Geco	1	4,8	297	21,2	**1.60**		**6.25**	**30.00**
7,65 mm Svenska	Svenska	1	4,8	297	21,2	**1.60**		**6.25**	**30.00**
9 mm short (.380 auto.)	Geco	1	6,0	265	21,5	**1.75**		**6.90**	
9 mm Parabellum	Geco	1	8,0	327	43,6		**3.75**	**7.50**	
9 mm Parabellum	Svenska	1	8,0	330	43,5		**3.40**	**6.50**	**29.25**
Training ammunition M 20 4 mm for insert barrels	RWS	3						**1.50**	
Cartridges for revolvers									
.32 S & W	Rem./Winch.	3	5,7	215	13,4		**3.95**	**7.90**	
.32 S & W long	Rem./Winch.	3	6,37	237	18,2		**4.20**	**8.40**	
.38 short colt	Remington	3	8,1	228	21,5		**4.00**	**7.95**	
.38 S & W	Remington	3	9,25	223	24,0		**4.35**	**8.65**	
.38 Automatic	Remington	1	8,33	317	42,7		**5.00**	**10.00**	
.38 Super auto.	Remington	1	8,33	389	64,2		**5.00**	**10.00**	
.38 Special	Remington	3	12,95	223	32,8		**4.65**	**9.25**	
.38 Special	Rem. Wadcutter	2	9,6	235	27,0		**4.15**	**8.30**	
.38 Special	Remington	3	10,25	330	56,9		**4.90**	**9.75**	
.38 Special Wadcutter	Svenska	2	9,6	235	27,0		**3.65**	**7.25**	**32.00**
.38 Special round head, lead bullet	Svenska	3	10,2	335	56		**4.50**	**9.00**	**40.00**
.357 Magnum	Remington	3	10,25	436	99,1		**5.25**	**10.50**	
.44/40 Winchester	Remington	4	12,95	399	105,0		**7.90**	**15.75**	
.44 Special	Remington	3	15,93	230	45,6		**6.00**	**12.00**	
.44 Magnum	Remington	5	15,55	479	181,8		**7.75**	**15.50**	
.45 Automatic	Remington	1	14,9	259	50,9		**6.25**	**12.50**	
.45 Automatic Remington	Remington	3	14,9	245	45,6		**6.25**	**12.50**	
.45 Colt	Remington	3	16,20	261	56,2		**6.00**	**12.00**	

For export-shipment of ammunition, please see page 44!

1 Full Metal Case Bullet, lead core with copper-nickel-plated steel plate or tombac jacket

2 Clean-Cutting Bullet (Wadcutter). Cuts round, clean holes. Low recoil.

3 Lead Bullet — standard revolver-cartridge. For target shooting and defense

4 Soft Point Bullet — has better stopping power than full jacket bullets. Mushrooms heavily

5 Special Lead Bullet "Gas-Check" for Remington cartridge caliber .44 Magnum

Targets for standard pistol 25 m, Free pistol 50 m
55 × 55 cm cardboard, 10 rings, bull dia. 20 cm, with slits to insert cardboard bulls, per 10 targets $ **0.90** per 100 . . $ **7.40**
Cardboard bull 26 × 26 cm with rings 6 to 10, for fitting per 10 . . . . . **0.25**

Cleaning Rods

The New Schukra flexible Cleaning Rod

When stalking it often happens that a piece of wood or a leaf gets into the barrel. A Schukra cleaning rod in your rucksack makes removing it easy. This flexible rod comes rolled up in a pocket-size pouch. It can be used in all rifle calibers from .22 upwards and also in all shotbarrels. Comes with two brushes, patch adapter in pouch.

76 cm long Order No. 5210a $ **5.45**
86 cm long Order No. 5210b $ **6.10**

Three-piece rod Order No. 5212a
Steel, wood covered, swivel handle and adapter, for all calibers.
Price . . . . . $ **1.30**

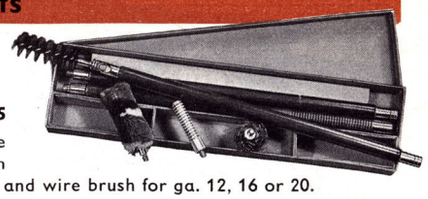
Four-piece rod Order No. 5212a
Steel, wood covered, swivel handle and adapter, for all calibers.
Price . . . . . $ **1.50**

One-piece rod Order No. 5222
Iron, with thread and adapter for accessories. For all calibers.
Price . . . . . $ **0.30**

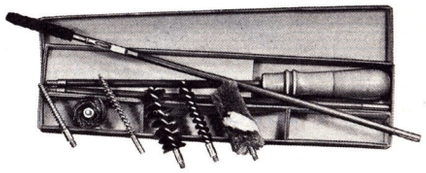
Cleaning Kits

Cleaning kit for air rifle Order No. 1850
Steel rod with wool swab, brass and bristle brush for cal. 4,5 mm
Price . . . . . $ **0.50**

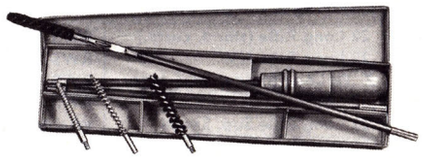
Cleaning Kits



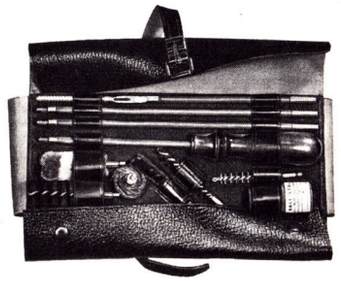
Cleaning kit for Shotguns
Order No. 5201 $ **1.15**
contains three-piece wood rod, spiral patch tip, wool swab, bristle and wire brush for ga. 12, 16 or 20.



Cleaning kit for Over/Under rifle/shotguns and Drillings
Order No. 5202 $ **2.00**
contains three-piece steel rod, wood covered, and swivel handle; wool swab, bristle/wire brush and adapter for shotbarrel, spiral patch tip, bristle brush and wool swab for rifle barrel — available for all standard calibers.



Cleaning kit for Rifles and Small Bore Rifles
Order No. 5203 $ **1.85**
contains three-piece steel rod, wood covered and swivel handle, spiral patch tip, wool swab and bristle brush, available for all standard calibers.



Cleaning kit in brown cowhide leather pouch
Order No. 5207 $ **5.40**
Size of leather pouch 25×11 cm; four-piece steel rod, wood covered, with swivel handle; wool swab, bristle/wire brush and adapter for shotbarrel, spiral patch tip, bristle brush and wool swab for rifle barrel; one small bottle Ballistol gun oil and one small bag silk oakum. Available for all standard calibers.

Brushes for our Cleaning Rods

for shotbarrels gauge 12, 16 or 20 ga.	Order No. 5232	For rifle barrels cal. 5,6; 6,5; 7,8; 9 or 9,3 mm	Order No. 5223
a Brass brush	$ **0.20**	**a** Brass brush	$ **0.15**
b Steel brush	**0.20**	**b** Steel brush	**0.15**
c Bristle brush	**0.20**	**c** Bristle brush	**0.15**
d Wool swab	**0.20**	**d** Wool swab	**0.15**
e Spiral patch tip	**0.20**	**e** Spiral patch tip	**0.15**
f Slotted patch tip	**0.20**	**f** Slotted patch tip	**0.15**
g Spiral wire brush	**0.25**		

Adapter Order No. 5234 . . . . . $ **0.15**

Long-fiber cleaning cotton for shotbarrels
Order No. 5115 . . . . . $ **0.30**

Silk oakum for cleaning of rifle barrels
Order No. 5116 . . . . . $ **0.40**

When ordering cleaning equipment please state caliber and barrel length!

Ballistol Spray
The tested Ballistol gun oil is now also available in spray bottle. $ **1.20**

Gun Care Compounds

For exterior use:

Frankonia-Rust Remover in Aerosol Package

dissolves even the heaviest rust within minutes.
350 cu.cm bottle
Order No. 5122 . . . $ **1.40**

Frankonia-Rust Remover
150 cu.cm bottle
Order No. 5106 . . . $ **0.65**

Gun Oil S 200 Order No. 5123
In aerosol package, for oiling outside metal parts of weapon. Sprays a very thin oil film which protects metal parts against rust; does not attack bluing. 350 cu.cm bottle . . . . . $ **1.20**

Gun-Blue Order No. 5121
Imported from the U.S.A. Good for touching-up when barrels become spotted. It restores the beautiful, uniform black color. Sufficient for 3 to 4 rifles . . . . . $ **1.95**

Package steel wool, needed for Gun-Blue . . . . . $ **0.15**

Barrelol Gun Vaseline
for greasing metal parts, especially barrels outside and inside.
Order No. 5111 . . . $ **0.25**

Schaftol-Stock Oil Order No. 5113
Protects stock against the weather, preserves finish, and prevents changing of point of impact on three-quarter and full-length stocks. 50 cu.cm bottle $ **0.40**

For inside use:

New Purgitin Order No. 5101
Removes thoroughly nickel, tombac and copper deposits in rifle barrels. 100 cu.cm bottle . . . . . $ **0.90**
(According to the latest findings of the Institute for Hunting and Sports Weapons it can be used on Antinit barrels.)

"Solvent" Order No. 5120
A reliable compound which thoroughly removes lead and powder deposits in shotbarrels . . . . . $ **0.70**

Special Oil S 300
Prevents rust formation and pitting in barrel. Comes in a small, unbreakable plastic bottle. 50 cu.cm bottle.
Order No. 5124 . . . $ **0.45**

Ballistol-Klever-Gun Oil
A tested compound which combines rust protection and lubrication, dissolves pitting in the barrel and serves as a disinfection agent. 50 cu.cm bottle.
Order No. 5102 . . . . . $ **0.45**

Frankonia - Ring and Luminous Sights

The Frankonia rear sight is a tested auxiliary means of placing an aimed shot with a shotgun. We offer two models as illustrated. The rear sight is simply pushed over the barrels of double barreled shotguns, Over/Under rifle-shotguns and even drillings until it fits firmly where the rear sight of a rifle is usually located. The Frankonia luminous shotgun rear sight has four advantages:

1. Faster sighting and consequently a more accurate shot.
2. The high luminating of the phosphorescent compound permits shooting in advanced twilight when under normal conditions aiming is absolutely impossible.
3. The Frankonia shotgun rear sight prevents short shots.
4. The ring sight facilitates leading with fast game.

Richard Marholdt praises the Frankonia shotgun sight very highly in his renowned reference work "Waffen-Lexikon".

Frankonia-Shotgun Sights

Also known as luminous sights because of their phosphorus coating; particularly recommended for slug shells. Complete set (luminous rear sight and luminous front sight).
Price . . . . . $ **2.00**
Rear sight **1.15**
Front sight **0.90**

Frankonia-Ring Sights

Also luminous because of the phosphorus coating particularly suited for shots on flying game. Complete set (luminous rear sight and luminous front sight).
Price . . . . . $ **2.00**
Rear sight **1.15**
Front sight **0.90**

When ordering these sights, please state gauge (12 or 16 only) and type (side by side or O/U) of your gun!

Muzzle Covers

Even a small particle, such as snow, dirt or a rain drop can cause a barrel rupture. You can easily prevent this by putting a muzzle cover on your weapon. When ordering, please state exact model and caliber of weapon.

Muzzle covers in brown cowhide with strong rubber band

for double barrel shotguns	Order No. 3701a . . .	$ **1.20**
for Over/Under shotguns	Order No. 3701b . . .	**1.20**
for Over/Under rifle-shotgun	Order No. 3701c . . .	**1.20**
for BRNO Over/Under weapons	Order No. 3701d . . .	**1.25**
for drillings	Order No. 3702 . . .	**1.40**

Muzzle covers in brown cowhide with snap button

for standard stock rifles	Order No. 3703a . . .	$ **0.95**
for small bore rifles	Order No. 3703b . . .	**0.95**
for one barrel guns	Order No. 3705 . . .	**1.15**
for Franchi shotguns with Poly-Choke	Order No. 3705a . . .	**1.30**
for full-stock carbines	Order No. 3704 . . .	**1.25**

When ordering please state caliber and model of gun!

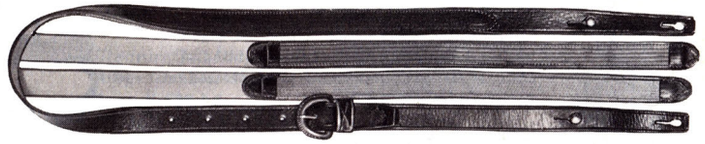
The Quick-Set Rifle Sling

More often than not a well placed shot depends on being ready to fire. A customer developed this sling which permits instant action. It consists of two straps, one flat and one round which move against each other through a ring. The flat sling serves as a shoulder strap. The round sling runs smoothly through the ring when bringing the rifle into firing position. When you carry the weapon over the shoulder, the movable sling can be locked by a spring safety hook. The slings are soft cowhide . . . . . $ **4.90**

Rifle Sling Order No. 3301 Price $ **0.80**
brown cowhide; for Flobert and air rifles

Rifle Sling with Loop Order No. 3305 Price $ **0.90**
One-piece, brown cowhide, with loop to shorten or lengthen the strap

Rifle Sling with Buckle Order No. 3311 Price $ **1.30**
brown leather, can be buttoned on both sides

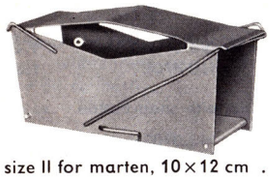


Rifle Sling with Rubber No-Slip Padding Order No. 3312 Price $ **1.40**
from brown leather, inside provided with rubber no-slip padding. 3312 N with nap pattern rubber, 3312 R with grooved rubber

Rifle Sling Lined with Rough Order No. 3313 Price $ **1.75**
green canvas, sling made of brown leather

Rifle Sling Order No. 3314 Price $ **3.50**
brown leather, basket weave.

Varmint Traps



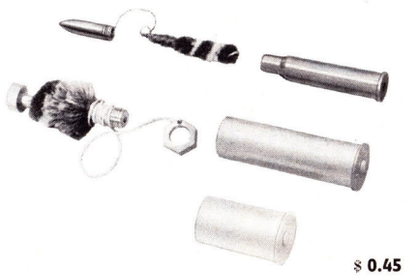
Case trap Order No. 7030
size I, II and III
both sides trap and kill animal. Size I for weasel and rat, 7 × 6 cm . . . . $ **2.15**
size II for marten, 10 × 12 cm **4.70**
size III for marten, rabbit, cat, 12 × 17 cm **7.50**

Buzzard Trap Basket Model 45 b

To catch animal alive. Wingspread of bows 70 cm, strong net. When ordering please state railroad station. Price ex dispatch station . . . . . $ **17.50**

Multi-Purpose Dummy Cartridges

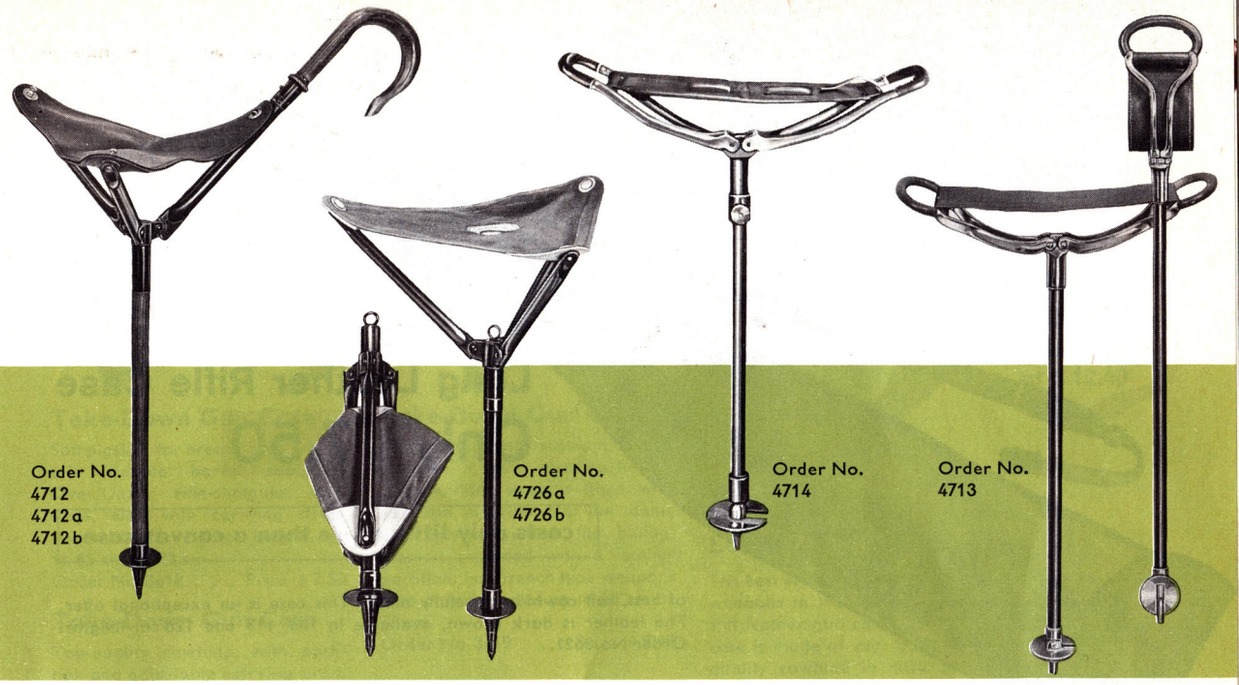
Dummy cartridges protect the firing pins when locks are uncocked. They contain a wool swab so that at the same time you will have a cleaning set in your pocket. Remember that even a drop of rain or a little snow in the barrel can lead to a rupture!



$ **1.70**

$ **1.70**

$ **0.45**



Seat and Hunting Stick Combination Order No. 4712
With oak grip, spiked steel foot and three brown enameled rods, leather seat canvas lined, weight 950 g . . . . . $ **7.40**

Seat and Hunting Stick Combination Order No. 4712 a
Wood with oak base, grip in staff form, with brown enameled steel rods, leather seat canvas lined, weight 950 g . . . . . $ **8.20**

Seat and Hunting Stick Combination Order No. 4712 b
Same as Order No. 4712 a but made of light metal. Makes stick much lighter, weighs only 850 g. Rugged leather seat . . . . . $ **10.65**

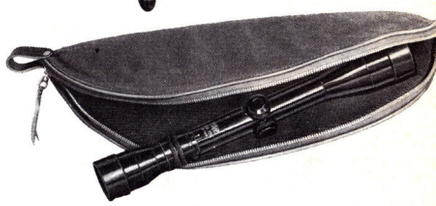
Folding seat — light and easy-to-handle steel tube design
with canvas seat Order No. 4726 a . . . . . $ **4.65**
with leather seat Order No. 4726 b **5.90**

Adjustable Folding Seat Order No. 4714
English type seat adjustable in height, a valuable feature especially in rough terrain or mountains. Grip consists of two leather-covered handles which can be folded open and to which the leather seat is fitted. Weight 950 g . . . . $ **7.40**

English Style Seat Order No. 4713
A popular hunting seat. Made of aluminium, weighs only 650 g. Hinged disc at spiked end prevents sinking into soft ground. The grip consists of two leather-covered handles between which hold the sturdy leather seat. For heavier gentlemen a special model is available ($ **19.75**). It has an extra wide seat. Standard model $ **12.40**

Kerosene Heater-Stove "Petromax", Size 40 × 38 × 40 cm
Order No. 5546 . . . . . $ **32.50**
Economical, odorless, easily transportable and efficient. Full heating potential is reached within two to three minutes. Thermal radiation corresponds to that of a 2500 Watt electric heater. With a high flame, 6 liters of kerosene last for approx. 30 hours, at standard flame setting approx. 50 hours. Weight 8,7 kg

Three-legged stool
Order No. 4702
of brown-polished wood, leather seat, with safety spring hook.
Weight 900 g
$ **5.50**



Combination Sitting Cushion and Scope Case

Order No. 7018

It serves as a scope case and at the same time as a cushion. The case is foam rubber lined, the outside is made of washable Boxin leatherette, seat is of the best corduroy.
Price . . . . . $ **3.75**

Air Cushion

30 × 40 cm Order No. 7016 . . . $ **1.80**
50 × 40 cm Order No. 7017 . . . **3.00**

Inflatable, convenient for still-hunting — a must in damp and cold weather.

Leather Gun Cases at Moderate Prices

Long Leather Rifle Case
Only $ 7.50

costs only little more than a canvas case

of best, soft cowhide, carefully made. This case is an exceptional offer. The leather is dark brown, available in 108, 118 and 126 cm lengths. Order No. 3621.

Case of Top-Quality Cowhide

For hunters who always want the very best. It has an extra wide fold so that in addition to the rifle other accessories can be put in it. Lengths available: 108, 118 and 126 cm. Order No. 3604 . . . . . $ **11.65**

only $ 7.50

Take-Down Gun Case

Soft pigskin, for breech type weapons (double barrel shotguns, Over/Under rifle-shotguns, drillings, etc.) with carrying strap. Available for barrel lengths up to 65 cm or 72 cm.
Order No. 3618 . . . Price $ **7.50**

Take-Down Gun Case

Top-quality cowhide, with partition and adjustable carrying strap. For breech type weapons with barrel lengths up to 65 cm or 72 cm. The high quality leather is very carefully tanned.
Order No. 3608 . . Price $ **12.40**

$ 9.90

Take-Down Gun Case

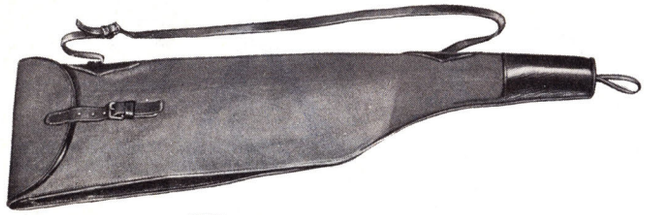
Best quality, soft, medium brown cowhide. It has a carrying handle and shoulder strap, is lined with Velveton in order that the tannic acid may not attack the bluing. Case is provided with a leather partition. For breech type weapons with barrel lengths up to 65 cm or 72 cm.
Order No. 3619 . . . Price $ **9.90**

Treat your leather gun case from time to time with a good preservative.

Very reasonable at $ 12.40

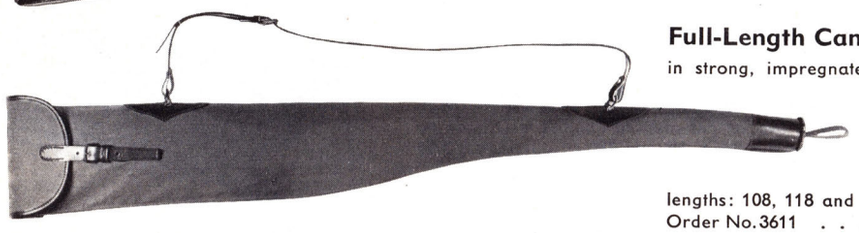
The Popular Stiff Leather Take-Down Gun Case

The best protection you can give your valuable hunting weapons in transit against bumps or dampness is a stiff leather gun case. Our low-priced take-down gun-case is made of very beautiful material: smooth, top-quality cowhide in dark brown excellently tanned. This is a piece of hunting equipment in which you will always take great delight. It is suited for breech type weapons with barrel lengths up to 63 cm or 72 cm. Inside it is entirely lined with Velveton.
Order No. 3651 . . . . . Price $ **12.40**



Take-Down Canvas Case, olive-green

Leather trim, muzzle end reinforced with 8 cm leather cap; gives better protection to muzzle and front sight. Available for barrel lengths of 65 and 72 cm.
Order No. 3607 . . . . . $ **6.65**



Full-Length Canvas Case, olive-green

in strong, impregnated canvas, sturdy and water-repellent, with brown leather trim and 8 cm long leather cap which gives better protection to muzzle and front sight. Available lengths: 108, 118 and 126 cm.
Order No. 3611 . . . . . $ **4.90**

Gun Case

Order No. 3622
beautiful, medium brown cowhide with carrying handles, lined with Velveton. Available lengths 108, 118 and 126 cm.
Price $ **11.65**

Cowhide Case for Interchangeable Barrels

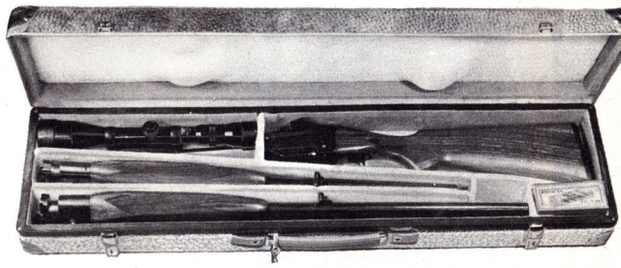
For barrel lengths 65 and 72 cm, from best, soft cowhide in beautiful brown color, carefully made.
Order No. 3625 Price $ **4.15**

Rigid Gun Case (Suit case type)

Custom-made of wood with fine, coffee-brown, grained cowhide leather covering, for combination firearms with 60 cm or 65 cm long barrels. Has space enough for scope and assorted accessories. Interior compartmented and lined throughout with green felt. Size 66 × 22 × 8 cm. Weight approx. 2.6 kg.
Order No. 3630 . . . . . Price $ **36.25**
Made of fine, soft cowhide for O/U gun with 2nd barrel set, scope and accessories . . . . . $ **65.00**
Same, but made of very soft, top quality cowhide. $ **95.00**

Aluminium Gun Case

The safest and easiest way to transport your valuable hunting weapon with scope is in a rigid gun case. Our aluminium gun case is particularly sturdy, scuff resistant and at the same time very light. It holds one Over/Under rifle-shotgun with interchangeable barrel, scope and accessories and is entirely foam rubber lined. Contents cannot move about; each piece is securely locked in place.
Price . . . . . $ **29.50**



Rifle Scope Cases from Best, Rigid Cowhide

a case which holds a 4× scope costs only $ **3.65** . . . . . Order No. 3906

a 6-power scope case only $ **4.15** . . . . . Order No. 3907

Your scope needs protection against knocks and moisture. The case illustrated is especially low-priced and carefully made of brown cowhide.

This rucksack costs only $ **4.50**

Hunting Rucksack

Made of impregnated, olive-green hunting cloth, with neat leather trimming and reinforced leather corners, extended hook piece. The broad, reinforced cowhide shoulder straps are sewed to a ring. Provided with a removable rubber insert bag. In a 50×60 sack you can carry a roe-deer and a hare.

Order No. 3418 a 50×60 cm . . . . . $ **4.50**
Order No. 3418 b 55×65 cm **5.00**
Order No. 3418 c 55×72 cm **5.75**

$ **7.15**

Hunting Rucksack

This rucksack has the same shape and outfit as model 3418 but is made of better, impregnated hunting cloth in reed-green color and better leather trim in firstclass, soft cowhide.

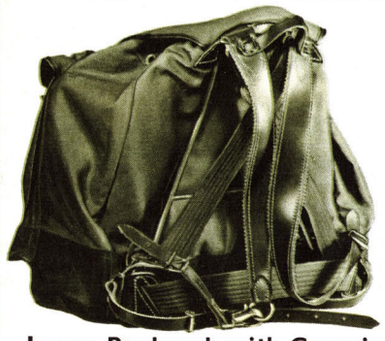
Size 50×60 cm Order No. 3401 a . . . . . $ **7.15**
Size 55×65 cm Order No. 3401 b **8.15**
Size 55×72 cm Order No. 3401 c **8.65**

12.15

Hunting Rucksack

Order No. 3420

in olive-green, impregnated hunting cloth, same as model 3401 but with two additional side pockets and one center pocket for thermoflask or rifle scope. Inside extra partition for underwear; detachable rubber insert bag. 55×65 cm . . . . . $ **12.15**



11.25

Extra for rubber insert bag: $ **1.95**

Large Rucksack with Carrying Frame

Order No. 3422

Made of green canvas. The easy carrying frame has metal legs and broad, flexible straps. The rucksack has a 10 cm high leather bottom, one large pocket, two smaller side pockets and under the top flap still another pocket; all pockets have a leather trim. The broad carrying straps are felt lined. In this rucksack heavy game, such as a roebuck or chamois, can be easily carried . . . . . $ **11.25**

New

10.50

Featherlight Nylon Rucksack

A particularly practical innovation is this hunting rucksack in featherlight nylon, which is tearproof, washable and 50% lighter than a hunting cloth rucksack. Leather reinforced corners and edges, broad carrying straps, removable rubber insert bag.

Order No. 3423 a 50×60 cm (600 g) . . . . . $ **10.50**
Order No. 3423 b 55×65 cm (700 g) **11.25**

Rubber Insert Bags

When ordering please state whether you want the insert bag with buttons, button-holes or strings. All insert bags are made of rubberized fabric and are leak-proof and durable; seams are glued together.

Rubber Insert Bag

Order No. 3407

a for rucksack size 50×60 cm . . . . . $ **2.25**
b for rucksack size 55×65 cm **2.50**
c for rucksack size 55×72 cm **2.90**
d in nylon size 55×65 cm, for string attachment. **2.45**

Dressing Bag

leak-proof, rubberized cotton, 25×30 cm
Order No. 3410 . . . . . $ **1.15**

Dressing Bag

Order No. 3411

Price $ **0.65**

Made of especially strong plastic foil, absolutely leak-proof and odorless. Size 29×45 cm.

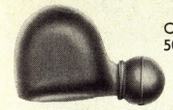
Nylon Game Bag

The very sturdy nylon withstands the greatest strains. It can be easily cleaned and can be used for years as it does not absorb moisture or blood. Moreover, the nylon game carrying bag is very light — it weighs only 575 g and rolled together takes up no more room in the rucksack than a rubber insert bag. Strong leather handles. Size 100×60 cm.
Order No. 3441 . . . . . $ **6.15**

Canvas Game Carrying Bag

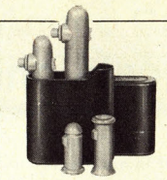
Made of green, impregnated canvas with leather reinforced corners, two leather carrying straps. five buckle straps and removable rubber insert bag. Size 100×60 cm (ample space for 2 to 3 roe-deer or 6 to 8 hares). Weight 1500 g.
Order No. 3440 . . . . . $ **8.75**

Deer Calls



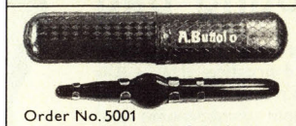
Order No. 5000

Original Buttolo Deer Call with rubber ball to produce whining and distress calls . . . . . $ **4.15**

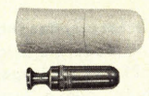


Order No. 5010

Faulhaber Deer Call Set, imitation horn, four calls, fawn, whining, reedy tone, distress calls $ **5.95**



Order No. 5001
Buttolo Deer Mouth Call, horn, to produce whining and distress calls; can also be used as hare call, with pouch . . . . . $ **2.15**



Order No. 5005

Hubertus Deer Call, imitation horn, adjustable from fawn voice to rutting call, with pouch $ **1.40**

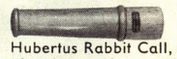
Order No. 5004

Hubertus Deer Call, soft wood with tone regulator . . . . . $ **1.40**

Order No. 5008

Hubertus Deer Call, with whistle type action and mouth piece $ **2.65**

Fox and Hare Calls



Order No. 5013

Hubertus Rabbit Call, of wood, can also be used as universal game call . . . . . $ **1.00**

Order No. 5011

Hubertus Mouse Whistle, improved design . . . . . $ **0.85**

Order No. 5014

Hubertus Hare Call with mouse whistle . . . . . $ **1.45**

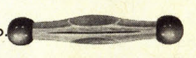
Game Bird Calls

Order No. 5025

Hubertus Universal Call for all types of pigeons, adjustable $ **1.75**

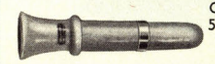
Order No. 5026

Hubertus Duck Call . . . $ **1.05**



Order No. 5035

Hubertus Predator Call . . $ **1.50**

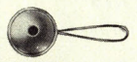


Order No. 5027

Hubertus Crow and Duck Call . . . . . $ **1.25**

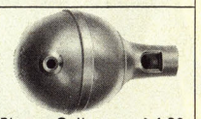
Order No. 5038

Hubertus Cuckoo and Pigeon Call . . . . . $ **2.25**



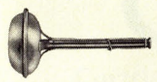
Order No. 5028

Hubertus Wild Fowl Call $ **0.40**



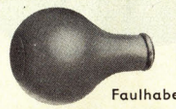
Order No. 5039

Faulhaber Pigeon Call . . $ **1.30**



Order No. 5032

Hubertus Jay Call . . . . $ **0.60**



Order No. 5041

Faulhaber Hawk Call . . . . . $ **1.60**

Stag Call

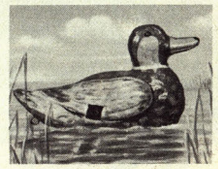
Order No. 5042

Triton shell, an ideal stag call . . . . . $ **16.00**

Duck Decoy

Order No. 5044

Duck decoy, plastic, insinkable, shot-resistant . . . . . $ **2.40**



It costs only $ 8.15

This large, spacious shooting bag

is one of our most popular shooting bags. And the reasons for this are its moderate price and practical size — it is approx. 23 × 21 × 12 cm large. It is made of the best, soft, brown cowhide, has a large front compartment and removable bird slings. The shoulder strap is adjustable.
Order No. 3015 . . . . . $ **8.15**

17.40
Order No. 3005

Large Shooting Bag

26 × 22 cm, brown, soft cowhide, with extra wide bottom, two inside compartments, a front pocket and broad leather shoulder strap.
Order No. 3005 . . . . . $ **17.40**

9.75
Order No. 3006

Shooting Bag with 5 Compartments

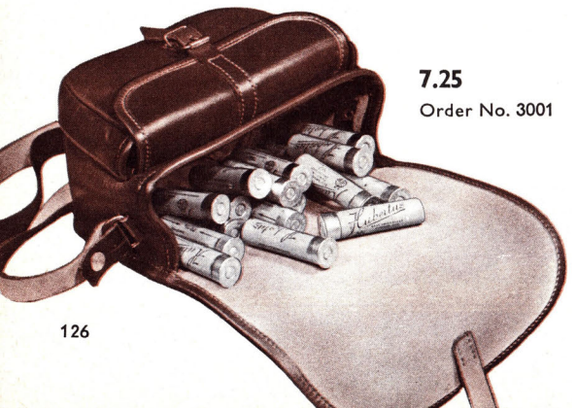
A shooting bag of the finest, coffee-brown, split cowhide. Has five compartments which is particularly practical, as ammunition and other accessories can thus be carried separately. In the four longthwise compartments and one thru-compartment, breakfast, ammunition, pipe, etc. can be handily stowed away. Size 25 × 22 × 11 cm.
Order No. 3006 . . . . . $ **9.75**

Small Shooting Bag with Front Pocket

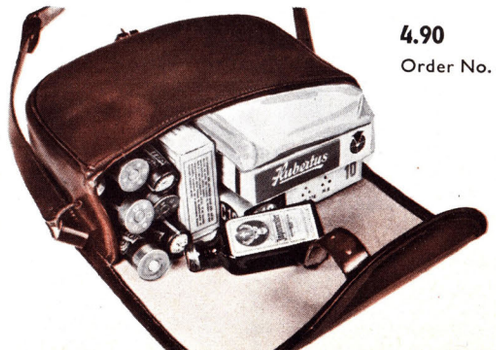
From best, dark brown cowhide, with spacious front pocket, 21 × 16 × 7 cm, a nice little shooting bag which never-the-less holds a lot of things.
Order No. 3001 . . . . . $ **7.25**

Small Shooting Bag without Front Pocket

This small bag is handy and practical. Its size is 20 × 17 × 7 cm, large enough to hold all the things you have to take along when going hunting. It is made from best, smooth cowhide in dark brown color.
Order No. 3002 . . . . . $ **4.90**



7.25
Order No. 3001



4.90
Order No. 3002

A Practical Ammunition Bag

for 150 to 200 shotshells. Strong, soft cowhide in dark brown color. Size 30 × 27 × 12 cm.
Order No. 3626 . . $ **5.25**

Order No. 3007

11.25

Hunting Muff

36 × 20 cm, best, soft, brown cowhide, lined with warm lambskin and fine fur trim; front pocket, leather carrying strap.
Order No. 3007 . . . . . $ **11.25**

Fowl Slings

brown cowhide, to be attached to shooting bag, with eight leather slings and rings.
Order No. 3009 . . . $ **1.20**

Fowl Slings

leather, with safety spring hook and ten slings with rings.
Order No. 3010 . . . $ **0.95**

Fowl Slings

Twistet hemp, with safety spring hook and ten slings with ring.
Order No. 3011 . . . . . $ **0.70**

Shooting Bag 23×25×21 cm

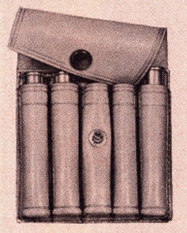
Ammunition, a flask, breakfast — all this can be easily packed into this large and spacious shooting bag. It is made of the best, soft cowhide in dark brown color. With detachable fowl slings and cartridge loops.
Order No. 3015 a . . . . . $ **12.25**

12.25
Order No. 3015 a

Ammo Cases and Belts

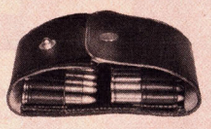
For Six Cartridges

Order No. 3109 . . . . . $ **1.25**
Cartridges case of brown cowhide with flap.



For Five Cartridges

Order No. 3111 . . . . . $ **1.60**
Cartridge case of natural color cowhide with flap and snap button. Five individual compartments for cartridges.

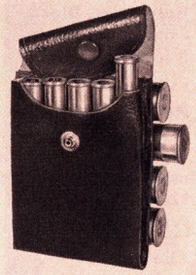


For Twelve Hornet cartridges

(cal. 5,6×35 R)
Order No. 3108 . . . . . $ **1.75**
Cartridge case in brown cowhide for 12 Vierling or Hornet cartridges. 5,6 × 35 R.

for Twelve Cal. .22 Cartridges

Order No. 3107 (as 3108) . . . . . $ **1.55**
Case is made of brown cowhide with two rows of loops for twelve cartridges cal. .22 long rifle.



Case for Five Cartridges and Four Shells

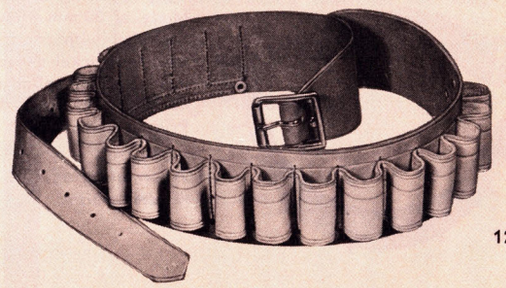
Order No. 3103 . . . . . $ **1.55**
Case of brown cowhide; on one side four open loops for shells, on the other side pocket with flap and snap button for five cartridges.

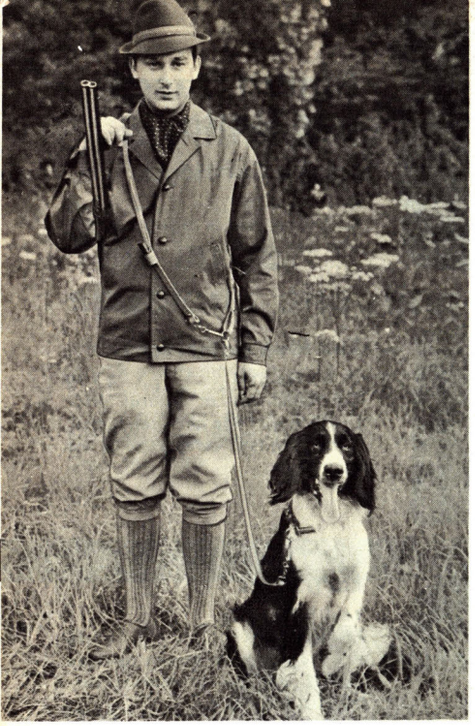
For Ten Shells

Order No. 3106 . . . . . $ **1.60**
Case of brown cowhide; on both sides five open loops for shells.

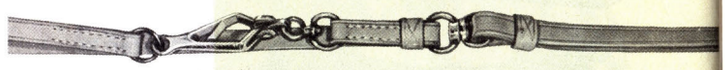
Cartridge Belt

Order No. 3111 . . . . . $ **4.40**
Made of natural color cowhide for twenty shells gauge 12 or 16. Loops are open at bottom so that shells can be more easily pushed out with finger.

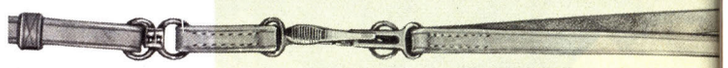




Oberländer Leash Order No. 4208
Can be hung over shoulder leaving hands free. Can be used as leash and as a 2,75 m long trail line. A small stitched on pocket contains a "Down" whistle . . . $ **3.90**

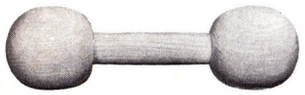


Shoulder Leash Order No. 4206
Can also be used as a trail line; made of russet leather with swivel ring and strong shear tackle in center . . . . . $ **2.45**

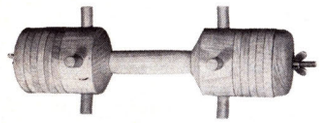


Shoulder Leash Order No. 4205
Can also be used as a trail line; made of russet leather with swivel ring, strong, blued lock in center for quick releasing of dog . . . $ **3.00**

Dog Whip Order No. 4217
Hand-sewn, square shape, with large hand loop, natural leather, 60 cm long.
Price . . . . . $ **3.65**



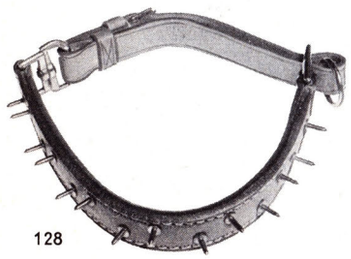
Retrieving Block Order No. 4350
from wood, 650 g.
Price . . . . . $ **0.95**



Retrieving Block Order No. 4351
With ten removable wood and iron discs. Weight with wood discs 1650 g, with iron plates 5500 g. Additional iron discs (each 170 g). $ **0.18** each.
Price . . . . . $ **7.90**

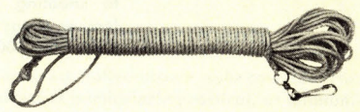
Heavy Leather Collar Order No. 4304
In flat form, in double natural cowhide, 35 to 55 cm long. Depending on size.
Price . . . . . $ **1.40** to **1.95**

Dog Collar Order No. 4320
Nickel plated iron collar with interchangeable chain and ring.
Small size, price . . . . . $ **0.60**
Large size, price **0.75**
Extra strong model, price **0.95**

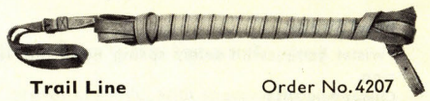


Dog Training Collar Order No. 4312
Made of 30 mm wide, first-class leather, provided with two rows of short points and two nickel swivels in order that the front part of collar may be turned out. 40 to 55 cm long. Depending on size.
Prices are from . . . . . $ **3.15** to **3.70**

When ordering dog collars please state requested sizes.



Field Line Order No. 4209
Strong trail line of twisted hemp, with hand loop and safety spring hook.
20 m long, price . . . . . $ **1.45**
40 m long, price **2.45**

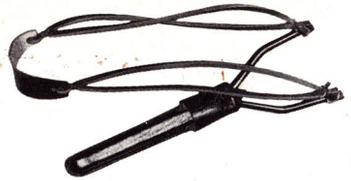


Trail Line Order No. 4207
Russet leather, 15 mm broad, 6 m long.
Price . . . . . $ **4.65**

Order No. 4370
Price $ **2.30**

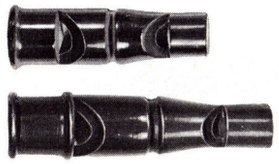
Anti-Flea Hair Brush
130 × 80 mm, with brass and horse hair bristles. The anti-flea crystals placed in the hollow back of the brush cause gases to form which kill fleas when dog is brushed.

Box Anti-Flea Crystals . . . . $ **0.23**

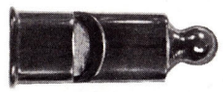


Slingshot Order No. 4362
With leather covering, thumb protection and double rubber strings.
Price . . . . . $ **0.85**

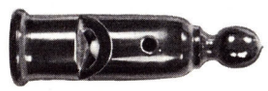
Plastic Dog Bowl
Order No. 4330
$ **0.90**



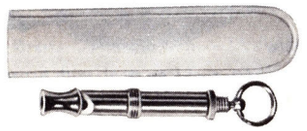
Dog Whistle "Downpfeife"
in buffalo horn, holes on both sides, one for higher tone, one for trilling sound.
Order No. 4395 a — 6 cm
$ **0.85**
Order No. 4395 b — 9 cm
$ **0.90**



Dog Whistle "Pfiff"
in buffalo horn, flat, 5 cm long.
Order No. 4393 . . . $ **0.45**



Dog Whistle "Downpfeife"
in buffalo horn; makes trilling sound, 7 cm long.
Order No. 4394 . . . $ **0.45**



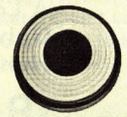
Silent Dog Whistle
nickle-plated brass, 6 cm long; sound cannot be heard by the human ear, but a dog can hear it well. Volume can be regulated.
Order No. 4390 . . . $ **0.60**

Pocket Saw Order No. 5541
This is a light and practical pocket saw with a 28 cm long wooden handle. For use saw blade is taken out of handle and tightened by a wing nut.
Price . . . . . $ **1.50**

Small Ax Order No. 5540
A small, handy ax with 30 cm long handle and leather sheath.
Price . . . . . $ **1.90**

Trapshooting Equipment

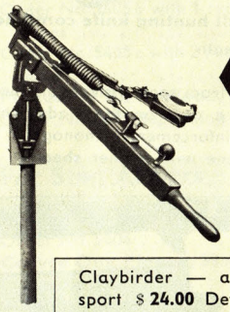
In addition to target shooting trap and skeet shooting gives valuable practice in shooting flying game.



Trap targets, Brand Nimrod, in two different designs, in boxes with 250 pieces, prices ex works.

Black clay pigeons with white ring
Order of 250 . . . . . $ **8.70**
Order of 1000 . . . . . **31.50**
Plus package charges **1.00**

Black clay pigeons
Order of 250 . . . . . $ **7.85**
Order of 1000 . . . . . **28.00**
Plus package charges **1.00**

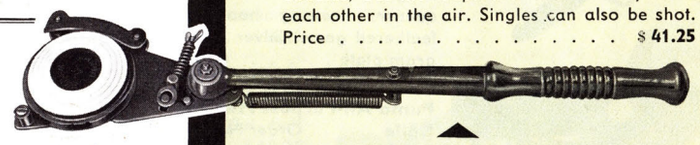


Nimrod Hand Trap Target Thrower
A tested machine, simple in operation and reliable.
Price
Machine $ **27.50**
Iron post **10.00**

Claybirder — a popular American sport $ **24.00** Detailed brochure sent on request.

Nimrod Clay Target Trap Throwing Doubles
Particularly suited for practice in double target shooting. Through the two claws on the arm, traps are held a bit closer together in the air.
Price Machine . . . . . $ **38.50**
Iron post **10.00**

Nimrod Clay Target Trap Throwing Doubles
This machine has two arms. It also throws doubles, but the traps are farther away from each other in the air. Singles can also be shot.
Price . . . . . $ **41.25**



Nimrod Hand Trap Thrower
for training shots, easy to operate, traps are thrown up to 60 m.
Price . . . . . $ **10.00**

Prices quoted for throwers and traps do not include charges for packing, etc. and are to be understood ex dispatch station.
The Nimrod works manufacture a number of special throwing machines for skeet shooting and battery stands. Please write for detailed offer including F.O.B.charges.

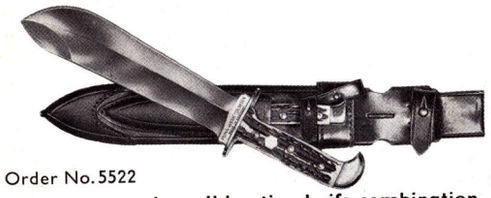
Sighting-In Targets

for rifles . . . . . $ **0.15**
for shotguns **0.25**
We also supply German Hunter's Association targets. Please send us your requirements.

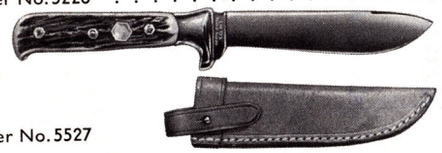
A Low-priced Universal Hunting-Knife

$ 9.70

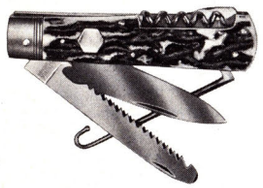
high-quality special steel, hand-forged, all parts rust-resistant. One piece, 11 cm long blade, with extra blade part for cutting off small twigs; extra strong horn saw with screw driver, cartridge remover, crown cap opener, hollow ground dressing blade, cork-screw, stag horn grip with inlayed silver plate for initials. (Engraved initials $ **1.65**). With blade catch when other parts are used. Two-piece green cowhide sheath.
(Order No. 5524) . . . . . Price $ **9.70**



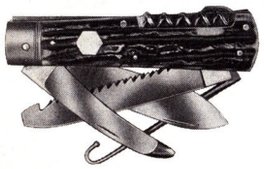
Order No. 5522
Puma large and small hunting knife combination,
with green cowhide sheath
Price . . . . . $ **29.95**
The large blade made from special steel cuts through iron nails without leaving a dent on the blade; sheath with leather and brass reinforcements, monogram plate in silver. Large knife alone with leather sheath.
Order No. 5226 . . . . . $ **23.20**



Order No. 5527
Puma Nicker
12 cm long, one piece blade from first-quality special steel. Stag horn grip with silver monogram plate. Engraving of monogram costs $ **1.65**. Sheath from natural color cowhide.
Price . . . . . $ **9.00**

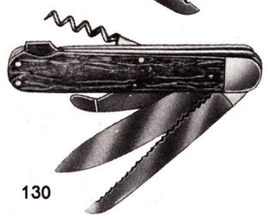


Puma Patent Hunting Knife
Order No. 5521
Rust-free, with marker blade, horn saw, screw driver, cartridge remover, crown cap opener, dressing hook for feathered game. Silver monogram plate . . . . . $ **10.90**

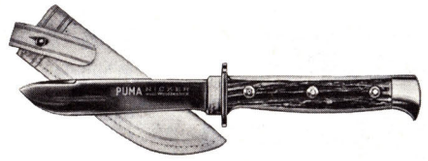


Puma All-Purpose Hunting Knife Order No. 5520
From first-quality, rust-free steel, hollow ground dressing blade, saw with screw driver, cartridge remover and crown cap opener, dressing hook for feathered game, cork-screw, silver monogram plate $ **14.15**

Hunting Knife
Order No. 5504
From best Solingen steel, 3-piece-blade, saw, cork-screw . . . . . $ **4.25**

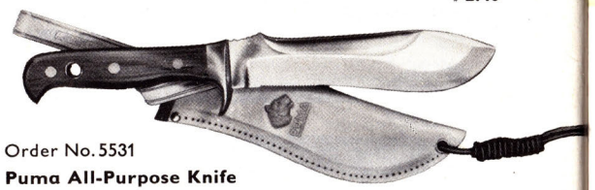


Hunting Knife
Order No. 5503
From Solingen steel, 4-piece-blade, saw, dressing blade, cork-screw . . . . . $ **5.75**

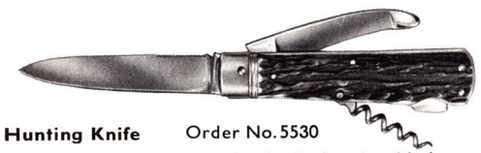


Puma Small Knife alone Order No. 5525
From first-class rust-free steel, one piece blade 10,5 cm long, brass inlays, with natural color leather sheath $ **7.35**

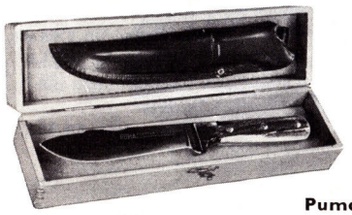
Nicker Order No. 5508
From Solingen steel, with 11 cm long blade, with thru-handle, leather sheath with metal fore- and end tips.
$ **2.40**



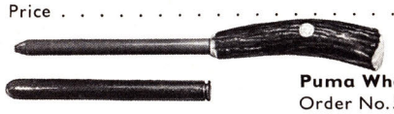
Order No. 5531
Puma All-Purpose Knife
With one piece blade from best, rust-free steel, with brass inlays, leather sheath and wooden holder, which can be fastened to the dashboard, etc.
Price . . . . . $ **8.10**



Hunting Knife Order No. 5530
9 cm long blade that can be fixed, dressing blade, cork-screw, stag horn grip, leather sheath . . . . . $ **8.70**



Order No. 5529
Puma Hunting Knife
From rust-free Pumaster steel, tip of blade sharpened on both sides, stag horn grips, with brass screws. Leather sheath and wooden case.
Price . . . . . $ **9.10**



Puma Whet Steel
Order No. 5539 $ **1.85**

Trophy Plaques

For Wild Boar

Round oak plaques for boar tusks, black or light polished, with two silver colored metal oak leaves.
Order No. 5413a dia. 16 cm . . . . . $ **0.75**
Order No. 5413b dia. 18 cm . . . . . $ **0.85**
Metal Oak Leaves
To fix boar tusks, in silver color, per set.
Order No. 5414 . . . . . $ **0.12**

For Roe-Buck Trophies

Oak Plaque 19 × 12 cm
Order No. 5401a without recess for jaw bones . . . . . $ **0.45**
Order No. 5401c with 2 recesses for jaw bones . . . . . $ **0.65**
Carved Oak Plaque, 17 × 9 cm
Order No. 5405a without recess for jaw bones . . . . . $ **1.50**
Order No. 5405b with 1 recess for jaw bones . . . . . $ **1.65**
Order No. 5405c with 2 recesses for jaw bones . . . . . $ **1.75**
Plaques of Birch Wood, polished
Order No. 5415 depending on size from . $ **0.55**

For Stag Antlers

Oak Plaque 40 × 22 cm
Order No. 5404 . . . . . $ **1.90**
Carved Oak Plaque, 33 × 18 cm
Order No. 5407 . . . . . $ **4.50**
(Please state whether you want the plaques light or dark polished).

Hunting Horns

Brass Calling Horn — Order No. 4813a, 16 cm long . . . . . $ **1.65**
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Extra Horn Mouthpiece — for use in winter. Order No. 4832 . . . . . $ **1.90**

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Extra Brass Mouthpiece — Order No. 4830 . . . . . $ **0.90**

Pocket Size Brass Hunting Horn in B flat, with green leather covering, 20 cm long.
Order No. 4820 . . . . . $ **8.25**

Horn for Horseback Hunting in B flat, also available in other keys, green leather covering. Order No. 4822 . . . . . $ **29.50**

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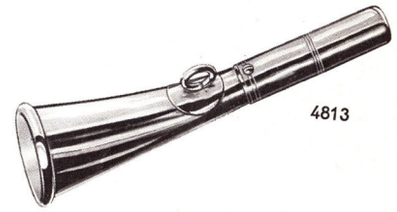
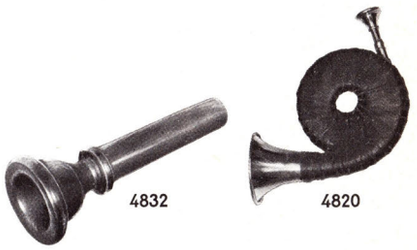
Horn for Horseback Hunting, in E flat, leather covering, to sound the hallali.
Order No. 4822 . . . . . $ **37.40**



4813



4832 4820

4821 4811 4822

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"Des Waidmanns hohe Kunst" — LP 33 r.p.m. — contemporary and traditional hunting signals; Stag Rutting . . . . . $ **4.50**

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Large Hubertus candle in genuine, red dyed beeswax, 30 cm high, 14 cm ⌀, with game and Hubertus scenes. With wrought iron candle stand $ **20.50**

Hubertus Candle in natural color beeswax with colored Hubertus relief, 15 cm high, dia. 6 cm $ **1.95.** Wrought iron stand $ **1.00.**

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This forest-green salt-and-pepper suit with matching slacks is most popular. It's simplicity gives this model a note of understated elegance. The Jacket can be worn with or without belt. When slacks are worn instead of the skirt, this outfit becomes a stylish suit with a personal touch. The material used — Dralon and virgin wool — is long-wearing and durable; ideal for hunting, lodge or home. A suit which appeals to ladies who put great store in a good looking and practical wardrobe. Jacket and skirt are lined throughout with Rayon.

Jacket and skirt . . . $ **29.50**
Slacks **11.25**

Ladies' Wool Stockings, long-wearing, of virgin wool with Dralon, ribbed, in green. $ **2.25**

Model "Monika"

An out of the ordinary tweed suit in distinctive style. The Monika can be worn hunting or on vacation and is always in place in town or country. The high quality material ensures faultless fit and long wear. Fully lined. $ **54.50**

Model "Katrin"

An elegant hunting suit in attractive olive-green. The suit is made of costly, smooth camel hair and wool. The braid-trim of a darker olive green and the coin buttons accentuate the stylish elegance of this suit. Jacket and skirt fully lined. $ **54.75**

$ 78.50

Hood for model "Canada"

Descriptions of ladies' hats shown can be found on opposite page.

$ 11.50

A contrasting check on dark olive-green combine to produce a hat of unusual elegance; in soft, fur felt.

$ 7.15
(without feather)

Simple and sporty lady's hat of soft, fine, long-hair fur felt with attractive cord band. A becoming model, which suits every personality. Feathers for this hat are shown on page 151.

$ 8.25

A strickingly attractive lady's hat of quality, soft fur felt. Its fashionable elegance is emphasized by the broad, decorative silk band. The brim has gros-grain silk edging with fancy contrasting stitch.

$ 7.90
(with feather)

For the young at heart! This sprightly model has an air of the Tyrolian Alps in Springtime, and its feather catches every eye. This otherwise simple hat is of the finest, olive-green fur felt.

Ladies' Suede Hunting Suit

Very practical for the modern huntress is this distinctive hunting suit of top-quality suede in beautiful, dark olive-green. The Jacket is fully lined with artificial silk. All borders are trimmed with smooth, black leather which gives it a stylish effect and protects against wear. The coin buttons lend additional individuality. All together, this is a classic model with an ageless charm. And, in addition to its elegance, this suit of soft suede is comfortable and extremely durable and an invaluable addition to the sportswoman's wardrobe.

Prices Knee slacks $ **26.25**
Jacket **52.25**

Ladies' Hunting Coat "Canada"

This model has the same cut as the popular and time-tested men's "Canadian", for it can hardly be surpassed in suitability for all hunting purposes. The unusually long-wearing gabardine is impregnated, i.e. water-repellent, and in addition "scotchgard-spot-protected", which means that oil spots do not penetrate into the fabric and can be easily removed. The broad collar can be turned up and buttoned. Hood is zip-attached under collar and can be removed. The price includes button-in Teddy-lining. Fine quality, outstanding craftmanship and a cut not subject to changing fashions safeguard the good looks for years to come. Price $ **34.65.**

Hunting Coat "Model Liss"

An attractive lady's hunting coat of the finest mohair Loden in beautiful olive-brown salt and pepper pattern. It is light, warm and extremely long-wearing. The modest simplicity of the cut has an appealing and youthful effect which can not go out of fashion. This rugged and stylish hunting coat which is a must in the wardrobe of every huntress or hunter's wife. Careful workmanship guarantees stability of form and good fit. Coat with rayon lining costs $ **34.50.**

The button-in hamster fur lining is light and warm but does not make the coat bulky and is ideal for the winter months. Price upon request; lining can also be fitted later.

3/4 Length Coat "Model Evelyn"

The modern three-quarter coat length now as ever, is very popular. Length is especially preferred with thick mohair coats. This as they are then lighter and more convenient to walk in but at the same time keep the wearer nice and warm. This attractive coat is made from long-hair, anthracite-gray mohair of the very best quality. It goes especailly well with a green woolen skirt. The coin-buttons and green stripes give this coat a dashing look. The lining is neatly and carefully worked so that coat will not lose its shape even under hard-wearing. Price $ **37.40.**

When ordering please do not forget to send us your size (ready-to-wear garments) or measurements. If necessary, we will send you a measuring chart.

Diolen Blouse in Gray-Green $ 7.15

This elegant blouse with small Italian collar, 3/4-length sleeves and cuffs can be worn with the hunting costume. The fine Diolen is crease resistant, very durable and easy to wash.
Silk scarves in attractive colors and patterns on page 154.

A solid and convenient lady's shoe in a quality suitable for hunting. Make RIEKER. Dark brown, with storm welt. Non-slip, wedge-type rubber sole. $ **12.40.**

RIEKER ladies' boots, of soft, deer-brown calf leather, upper edge soft-lined, gripping, non-slip rubber sole. $ **13.50**

Worsted Wool Suit (Fresko type weave)

Order No. 6861 — Price $ **46.00**

No matter when and where you wear this suit, in it you will always be well dressed. Material, color and cut give it unobtrusive elegance. The extraordinary quality of the pure-wool worsted material can without exaggeration be called "indestructable"; the dark olive-green salt and pepper pattern is especially stylish. A top-quality suit in every respect.

With long slacks . . . . . $ **46.00**
With knee slacks **16.00**
Price of material per meter (1,50 m) wide) **8.50**

When ordering please note measurement table on page 161.

Worsted Wool Suit (Tricot weave)

Order No. 6862 — Price $ **67.00**

The Best of the Best . . .

This is the suit for the man for whom only the best is good enough. It is intended for wearing on cooler days, when one will feel particularly comfortable in its warmth, lightness and distinctive good taste. Even when worn day in, day out, this suit cannot lose its good shape and appearance.

With long slacks . . . . . $ **67.00**
Price of material per meter (1,50 m) wide) **13.50**

Laponia Suede Suit

Order No. 6554 — Price $ **87.25**

Nowadays smooth suede is extremely popular. This Laponia suit is good looking, practical and will wear forever. A finely tanned suede is used in the jacket, for which an extra simple cut was chosen. The knee slacks are made of the same material.

A traditional German hunting suite with a modern touch.

When ordering clothing, please fill in.
Measurements Table on back page of our Order Blank!

Laponia knee slacks . . . . . $ **30.15**
Laponia jacket with fine quality lining **57.10**

Suede Jacket

Order Nr. 6555 — Price $ **44.50**

Selected suede in an especially beautiful dark forest-green color is used for this jacket. It is designed for comfort and good looks. The replaceable knitted shield on the collar protects it from wearing out.

Suede Cordigan

Order No. 6558 — Price $ **27.00**

For comfortable wear outdoors and at home. The front is made from the finest, olive-green suede leather and fully lined with rayon. Back and sleeves are rib-knitted.

Mohair Finger-Tip Hunting Coat

As always a favorite with many hunters, this beautiful coat is made expressly for us from firstclass mohair. It is practical, comfortable, warm and yet light. A broad pleat in the back gives ample freedom of movement.

Order Nr. 6742 . . . . . Price $ **44.50**

Hunting Jacket "Montreal"

An all-weather jacket with a large number of special built-in features: padded shoulder for quick mounting of gun, large pockets with shell loops, flannel lined slash pockets for cold hands. A double back with zippers at sides are rubberized, blood-proof insert can be used as large game pocket. Sleeves are provided with wind protection pads, durable lining with large breast pocket. Order No. 6547 . . . Price $ **35.65**

Hunting Parka

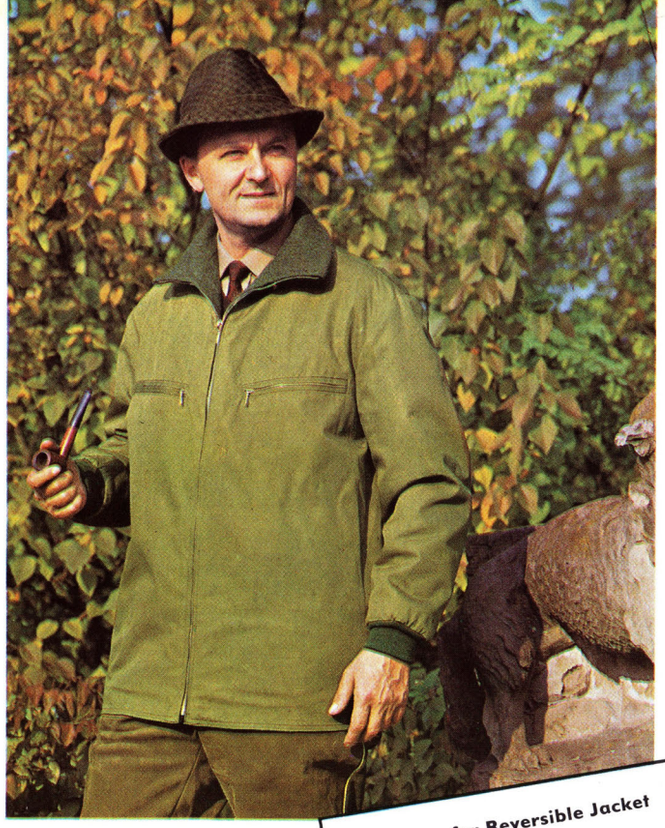
A practical hunting parkainextrasturdy waterproof poplin. Impenetrable against wind and rain. Also warm in winter months when worn withs weater. Detachable hood, all pockets withnon-snag zipper.

Order No. 6517 . . . . . Price $ **17.20**

Hunting Jacket "Jagdclub"

This is a sporty jacket with a cut which guarantees greatest possible freedom of movement. The high-quality, specially treated Poplin is water-repellent. All parts of this jacket are made from doubled material, which makes it impenetrable against wind and rain. Waistband on back.

Order Nr. 6549 . . . . . Price $ **19.65**



Price for Reversible Jacket $ 24.00

2 Jackets in 1

Reversible Jacket

This practical garment gives you two jackets in one. Depending on the season or the weather, you can either wear the water-repellent, impregnated, olive-green poplin side outside (as in left-hand-picture), or the forest-green woolen loden side (as in right-hand picture). A multi-purpose jacket which you can wear when hunting, hiking or on vacation. The high-quality, durable material is expertly fashioned. Knitted collar and cuffs.

Order No. 6744 . . . . . Price $ **24.00**

Featherlight Nylon Jacket

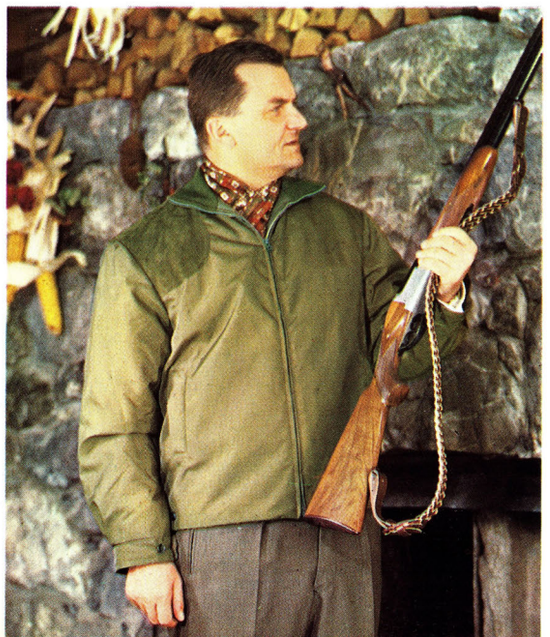
This tested jacket in parka style gives the great freedom of movement so important for rapid shooting. Right shoulder has suede pad for rifle butt. Width of back is adjustable at bottom of jacket. Quilted nylon padding with featherlight polyester fiber lining.

Order No. 6538 . . . . . Price $ **37.00**

Mohair Jacket with Knitted Sleeves

An attractive, sporty jacket made of long, selected quality mohair. This jacket is warm and yet light. The inserted, knitted wool sleeves are particularly comfortable when shooting. Deep, slant pockets for cold hands, large side pockets for ammunition, etc.

Order No. 6743 . . . . . Price $ **36.10**



Bavarian Style Mohair Jacket $ 33.00

Bavarian Style Jacket $ 32.00

Jacket from Worsted Material (Fresco type weave) $ 37.00

Mohair Button Front Sweater $ 16.25

Light Button Front Sweater $ 14.50

Bavarian Style Knitted Wool Jacket $ 27.00

Order No. 6707
Shetland Sweater $ 23.75

A particularly good looking pure Shetland wool sweater in an elastic ribbed knit — top quality. This sweater gives more value for the price and well last for years. Available in anthracite gray color with a hint of olive-green.

Order No. 6562
Bavarian Style Mohair Jacket $ 34.50

A multi-purpose, fashionable mohair jacket. At a glance the material shows its high quality. The back has a large pleat which gives the freedom of movement necessary for hunting. Rayon lined, with two large inside pockets.

Order No. 6544
Bavarian Style Jacket $ 32.00

These typical Bavarian jackets are once again in style! This fashionable jacket in traditional, gray loden is made from 100 % pure wool and catches the eye with its perfect fit and its careful, plain cut.

Order No. 6563
Jacket from Worsted Material $ 37.00
(Fresco type weave)

A fine jacket of top-quality pure worsted wool. Its stylish cut retains its shape; the color is fashionable anthracite gray.

Please note also the elegant, very light and warm cardigan sweater in luxurious camel hair, forest-green, which we offer on page 154.

Shetland Sweater

$ 23.75

Order No. 6556
$ 22.00

Order No. 6553 **Button Front Mohair Sweater** $ 16.25

Good looking and long-wearing is this cardigan sweater with mohair loden front. It is rayon lined and has one large inside pocket. Back and sleeves are made from durable, warm, rib-knitted wool.

Order No. 6740 **Light Cardigan Front Sweater** $ 14.50

This light cardigan sweater with rib design is particularly practical. The non-bulky pure wool sweater can also be worn under a suit jacket, if desired

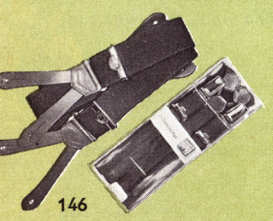
Order No. 6741 **Bavarian Style Knitted Wool Jacket** $ 27.00

A comfortable and elegant jacket. It is made from Shetland wool, long-wearing; the color is greenish-brown.

Order No. 6556 **Fur Lined Leather Vest** $ 22.00

This zipper-vest of soft, olive-green suede, fully lined with genuine lambskin, is exactly the warm and comfortable garment for hunting on those cold November nights.

Selected Top-Quality Leather



Wide suspenders with leather loops
$ **1.45**

Narrow suspenders with metal clips
$ **1.50**

Knee Length Leather Breeches

soft, warm, comfortable and extremely long-wearing.

made from first-class elk leather, in gray or olive-green Order No. 6565

German size 44—46 $ **34.05**	German size 48—50 $ **39.05**
German size 51—54 $ **44.65**	

from soft, especially light calf-leather in olive-green color Order No. 6564

German size 44—46 $ **28.90**	German size 48—50 $ **30.15**
German size $ **31.40**	

Breeches

from forest-green "Helanca" material and pure wool. This stretchable combination is very long-wearing, crease-resistant and gives fine fit.	Order No. 6575 $ **24.65**
from short-hair loden, long-wearing, in an attractive green-black.	Order No. 6524 c $ **12.40**
Made from pure wool worsted material (Fresco type weave)	Order No. 6581 c $ **16.00**

Knee Length Breeches

from broad-ribbed corduroy in light green	Order No. 6570 d	$ **8.15**
from green-black short hair loden	Order No. 6524 d	$ **12.40**
from olive-green Trevira-Panama material	Order No. 6969 p d	$ **17.40**
from worsted pure wool material (Fresco type weave) in olive-green	Order No. 6581 d	$ **16.00**

Ski Pants

from forest-green, stretchable "Helanca" material with pure wool, crease-resistant and long-wearing.	Order No. 6576 $ **24.50**

Waterproof Slip Overtrousers

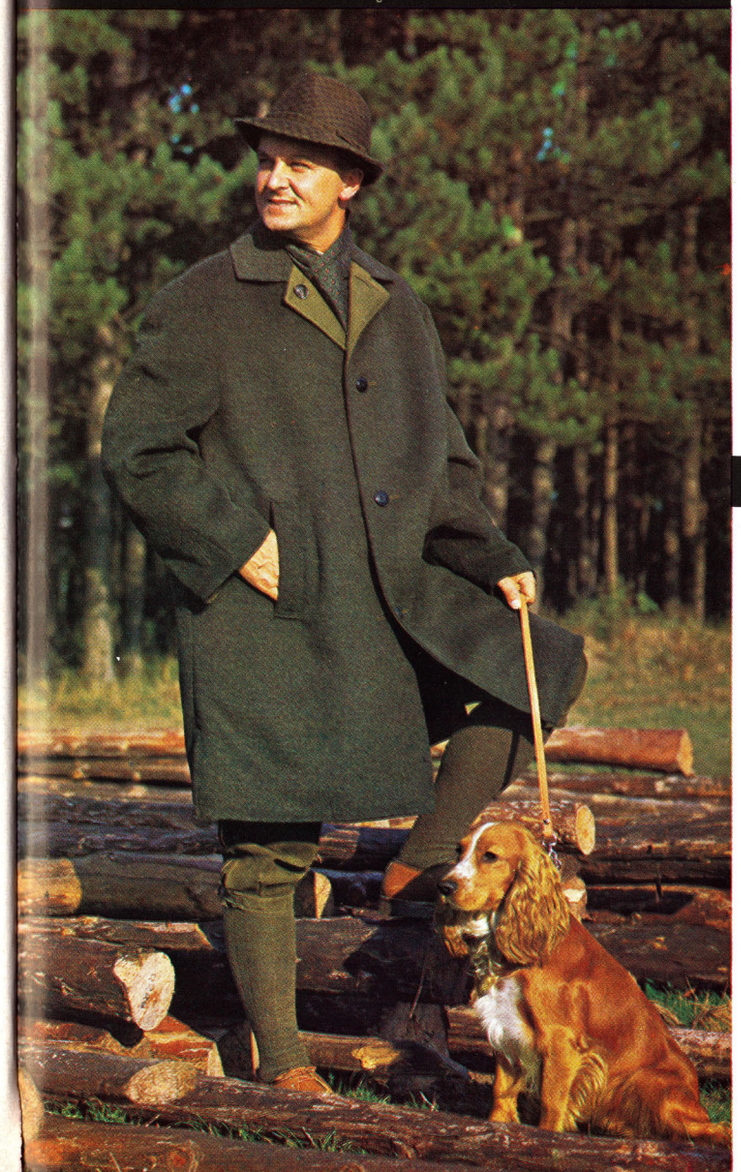
A practical and comfortable protection against wet legs when stalking in thick brushwood. The waterproof trousers are made from long-wearing cotton fabric covered with gray plastic material. Rolled up they take up very little room in the rucksack.	Order No. 6572 $ **5.65**

Protected by Scotchgard Brand Rain and Stain Repeller

Hunting Coat Model "Canadian"

As an ideal combination of sporty jacket and short coat, the fashionable "Canadian" fulfills all your needs. The impregnated, extremely long-wearing material has still another outstanding feature: it is protected by Scotchgard Brand Rain and Stain Repeller. This means that blood and oil stains are not absorbed by the fabric and can be easily removed. The coat is handsomely tailored and gives maximum freedom of movement. On cold and windy days the broad collar can be turned up and the hood put on. The Hood is fastened to the collar with a zipper. The price includes a button-in lining for the cold winter months. A pracical and attractive hunting coat with a long life.

Price . . . . . $ **39.65**



2 Coats in One...

This reversible is especially practical because it can be worn as a

poplin coat and as a loden coat

In damp weather or in spring or fall one can wear the waterrepellent poplin material outside. In the winter months one wears the loden material outside. The material used is of selected high quality, which thus guarantees durability, and a tasteful cut which will not lose its shape. The materials used are smooth mohair loden in olive-green and close-woven poplin in a lighter olive-green which complements the loden.

Price . . . . . $ **44.50**

This reversible coat is also available in a lighter weight mohair loden; it costs $ **38.50**

An Extra Light Hunting Coat

Hunting Coat Model "Featherlight"

Order No. 6851	Finest Loden Quality

Featherlight and warm — when a coat incorporates both these qualities then the material used must be of high quality. Our model "Featherlight" can combine these features because for the manufacture of the loden material only the finest, pure wool and camel hair are used.

The wide cut back and the practical shooting sleeve ensure greatest freedom of movement. (Seam of sleeve is open under arm pit and thus coat does not pull up when gun is mounted.) For still-hunting on cold winter days a light and warm button-in hamster fur liner can be had.

$ 42.00

Short Size Hunting Coat "Wien"

Order No. 6850	from 100% pure wool

The man who wants a multi-purpose coat for the winter months will certainly purchase the short coat model "Wien". This coat is handsomely tailored and its olive-brown color together with the fleecy long hair produce an especially striking effect. The carefully quilted seams emphasize collar, edges and sleeve insets. The high-quality material, 100% pure wool, is longwearing and retains its shape. The coat is rayon lined. For the cold winter months we also carry a genuine button-in hamster fur liner, price $ 123.75.

$ 47.00

Hunting Coat "Hubertus-Deluxe"

Order No. 6503	Price $ 42.—
Color: olive-green	

Tyrolian style loden of genuine camel hair and pure virgin wool is used for this "Hubertus" coat. This makes the coat very warm, light and long-wearing. With novel shooting sleeve.

From fall to spring the hunter will scarcely find a more practical outergarment than the loden coat. Loden is light, warm, water-repellent and does not rustle. In addition to these features, it is extremely long-wearing. Our hunting coat has the old and tested form; only the shooting sleeve has been improved. With the standard shooting sleeve the inset is left open only under the arm pit. Much more practical and durable is the improved design shown in the opposite illustration. The coat has inside a double shoulder saddle into which the sleeve is inserted. This gives maximum freedom of movement and coat is not pulled up when gun is mounted.

"Hubertus" Hunting Coat "Featherlight"

Order No. 6502 F	Price $ 44.50
Color: olive-green	Weighs only 1000 g

This is our very best quality loden coat. Only the finest, pure virgin wool with camel hair is used, which makes the coat so extremely light and yet warm.

Shooting Sleeve
No pulling up of coat when gun is mounted. The sleeve is inserted into an inside, separate shoulder saddle.

All "Hubertus" hunting coats have an action-back which gives necessary freedom of movement.

Hunting Coat "Hubertus"

Order No. 6852	Price $ 22.25
Color: olive-green	

A very moderately priced hunting coat of good, long-wearing wool loden. Its careful workmanship guarantees shape retention. The coat is supplied without shooting sleeve.

A light, genuine button-in hamster fur liner gives extra warmth on very cold winter days.
Price upon request.

Robin-Sport ..... $ 3.15

A stylish hunting hat in wool felt. Available in two colors: reed-green and pine-green.

Robin ..... $ 4.15

This is a practical hunting hat of weather-resistant, olive-green mohair felt material.

Mohair Felt Hat $ 6.00

This is a hat for the hunter who desires something fashionable; it is made of elegant mohair felt material in olive-brown.

German Hunting Hat $ 6.25

A top-quality, soft, gray fur felt is used for the traditional German hunting hat with a large green band.

Dralon Hat ..... $ 4.95

A featherlight hat for hot days — it weighs scarcely 60 g. Moreover, its porous weave lets the air through, it is colorfast, water-repellent and retains its shape.

Hunting Hat from Curduroy Velvet $ 5.00

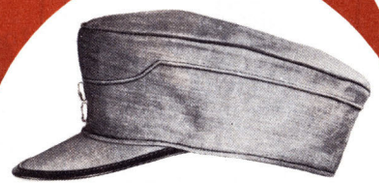
It need not always be felt — this fashionable hunting hat from corduroy velvet in oliv-green color is very attractive.

Hunting Hat of Broad-Ribbed Corduroy $ 5.75

A new hunting hat from broad-ribbed corduroy in olive-green. Sporty and long-wearing.

Sporty Hunting Hat ..... $ 9.00

A sporty, checkered hunting hat in dark olive-green/anthracite gray color.



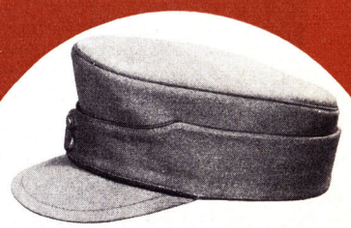
Summer Hunting Cap ..... $ 1.60

Made from featherlight, reed-green cloth, color-fast, water-repellent. Edge of visor is lined with artificial leather.

Vienna Style Hat from Mohair Velour Felt ..... $ 9.00

A particularly attractive model made for us by a famous Vienna hatmaker. This is a hat for hunters who prefer the conventional style.

When ordering hats, please include your head circumference (all round measurement) in inches or centimeters!



"Baschlik" Cap $ 3.15

From first-class, green wool tricot, with dark green edge trimmings, lined and with sweatband. Genuine horn buttons.

Hat Trimmings and Pins

Holder for Snipe feathers (without feather) Price $ 0.70

Fur Cap for Cold Days

Top from soft, green leather with quilted lining. Sides from genuine ambskin to forshead protect ears and neck.

Price $ 7.15

Pocket Warmers

A heating unit that gives comforting heat on very cold days. Its size is 7×10 cm, the case is chrome-plated. Unit operates on lighter fuel. Put one unit in each coat pocket.

1 Warmer . . . . . $ 1.20
2 Warmers 2.15

SONA Water Repeller

When this compound is sprayed on your garments, they immediately become water-repellent. This repellant evaporates quickly and needs no drying or ironing; the treated fabric remains porous to air. Loden coats and winter clothes, woolen gloves, hats and caps are resistant to moisture if they are treated from time to time with SONA Water Repeller.

Price per aerosol package . . . $ 1.05

Head Bands
Order No. 6697

This light band which is knitted from green wool keeps your ears warm.

Price $ 0.60

Ear Muff Cap
Order No. 6698

This ear muff cap is made from warm green wool and protects forehead ears and neck.

Price $ 1.60

Ear Muff Cap with Visor
Order No. 6695

This cap with visor gives the best protection on cold winter days. Top turns, down as shown in illustration to provide warmth for ears, neck and lower face. This cap is rib-knitted from fine, green wool and fits snugly and comfortably. $ 3.35

Hunting Cape from Camel Hair Loden

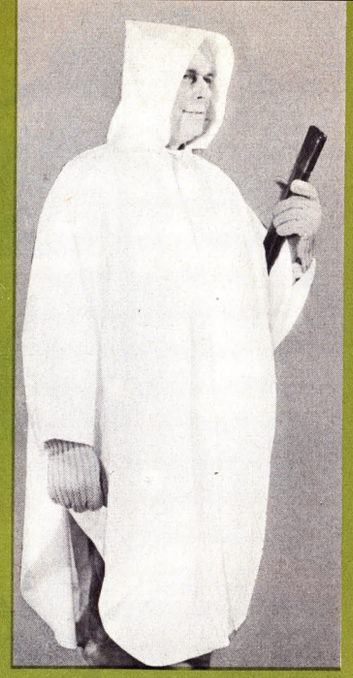
Order No. 6520	$ 29.15

Gun, rucksack, binoculars, shooting stick — all are protected against rain by this practical cape which nevertheless permits instant firing at all times.

Rain Cape from Forest-Green Plastic Foil

Order No. 6820	$ 2.90

A practical waterproof plastic cape which rolled up does not take up much space in the rucksack.



Snow Cape

Order No. 6817	$ 5.65

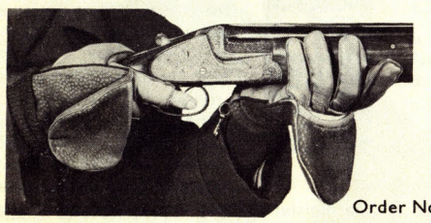
With hood, to be worn over the normal hunting attire. Made from durable, white cotton. Washable, can be boiled.

Important:

When ordering clothing, please fill in Measurements Table on back page of our Order Blank!

When ordering hats, please include your head circumference (all round measurement) in inches or centimeters!

When ordering shoes, please include tracing: put stocking foot on a piece of paper and with upright pencil, stencil outline.



Order No. 6789

Order No. 6786

Order No. 6789	**Combined Shooting Mitt and Gloves**	$ 9.90

This combination is something very practical: When shooting one pulls off the mitt and pulls trigger with open finger of glove, made from soft, deer-brown leather; for extra warmth one simply puts back mitts. Provided with woolen lining and knitted cuffs to keep out the cold.

Order No. 6786	**Lambskin Lined Cuffs**	$ 3.15

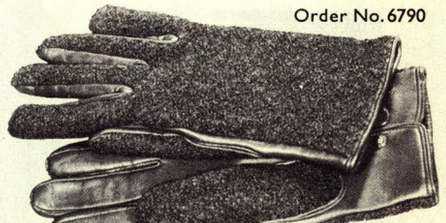
Lambskin lined leather cuffs serve to keep out wind and cold on winter days.

Order No. 6790	**Wool Gloves with Leather Lining**	$ 4.15

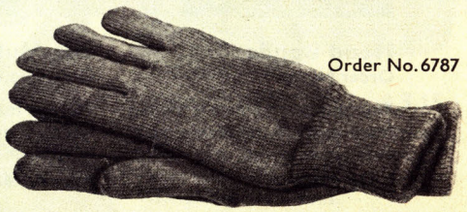
Warm, good looking gloves with backs of imitation astrakhan, palm made from supple leather. Knit lined, open shooting finger.

Order No. 6787	**Warm Wool Gloves**	$ 3.15

All wool soft knit in forest-green color. Rib-knit wrist for snug fit. With warm knit lining and open shooting finger.



Order No. 6790



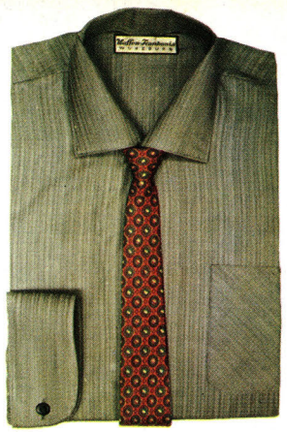
Order No. 6787

Light Poplin Shirt	
Order Nr. 6596	**3.15**

Good looking summer shirt with short sleeves and pocket. Made from light, long-wearing poplin in light green. Fine wool scarf. $ **3.15**

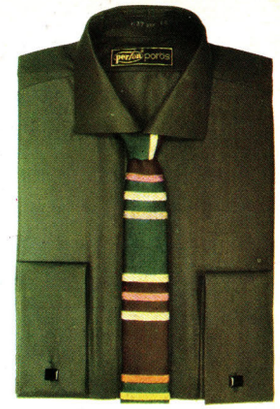
Summer Shirt from Maco Poplin	
Order No. 6597	**4.20**

Sporty and durable shirt with short sleeves and pocket. Easily washable. Silk tie $ **3.15**



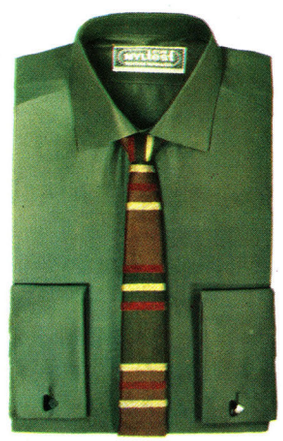
Diolen Shirt	
Order No. 6593	**7.15**

An elegant shirt in Diolen. The polyester fiber material is long-wearing and easy to wash. Pure silk tie $ **3.65**



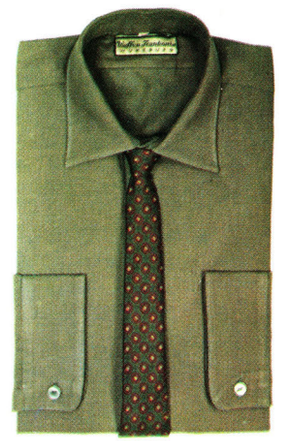
Perlon Shirt	
Order No. 6594	**4.75**

Elegant and practical all year round. No-iron, drip-dries rapidly. Wool silk tie $ **1.95**



Nyltest Shirt	
Order No. 6599	**4.75**

The ideal year-round shirt. material is long-wearing, No-iron, drip dry shirt. Wool silk tie $ **1.95**



Flannel Shirt	
Order Nr. 6583	**5.40**

Material is slightly fleecy on both sides. Shirt can also be worn on warm summerdays as material absorbs perspiration and therefore has cooling effect. Pure silk tie $ **3.15**

Poplin Shirt	
Order No. 6591	**5.70**

From fine filament, long-wearing maco poplin, olive-green. Pure silk tie $ **3.15**

Wool Shirt	
Order No. 6592	**9.95**

From 100% pure wool. Fine-tailored, crease-resistant, long-wearing. Does not shrink. (See also page 154).

Cuff Links

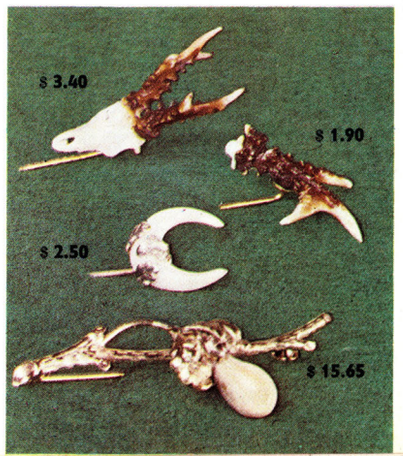
Order No. 6616	2.40

Gold-plated head of roe-buck on green enamel background.

Order No. 6617	5.90

Elegant silver cuff links with animals as shown in opposite illustration. In addition can be had with roe-bucks, squirrels, etc.

Attractive tie pins ▶



Perlon tie
Order No. 6830
$ 1.20

Diolen tie
Order No. 6831
$ 1.70

Trevira tie
Order No. 6837
$ 2.40

Wool tie
Order No. 6836
$ 2.45

Silk tie with wool
Order No. 6832
$ 1.95

Pure silk tie
Order No. 6834
$ 3.15

Pure silk tie
Order No. 6835
$ 3.15

Pure silk tie
Order No. 6838
$ 3.15

Pure silk tie
Order No. 6833
$ 3.65

Wool shirt $ 9.65

Light button-front sweater
$ 21.25

Order No. 6784
$ 3.40

Order No. 6752
$ 3.50

Order No. 6785
$ 3.40

Order No. 6753
$ 6.15

Order No. 6750
$ 3.95

Order No. 6754
$ 6.40

Order No. 6751
$ 4.65

Order No. 6755
$ 3.65

Soft Knit Pure Wool Shirt

Order No. 6592	$ 9.90

A practical and comfortable pure wool shirt in forest-green. The shirt is proportioned-fit for neat, trim look, color is fast. The material is crease-resistant.

Aldo Camel Hair Button-Front Sweater

Order No. 6698	$ 21.25

A light, fleecy, extra fine wool in elegant, dark green is used for this cardigan sweater. Is very comfortable to wear.

When ordering clothing, please fill in Measurements Table on back page of our Order Blank!

Scarves and Kerchieves

A scarf or kerchief serves two purposes: to prevent colds in stormy and rainy weather, and to enliven the plain, conventional green of hunting wear. We offer here our selection of kerchieves with beautiful designs and scarves in colors which point up the conventional hunter's green. The scarves are made from pure wool or wool with silk, respectively.

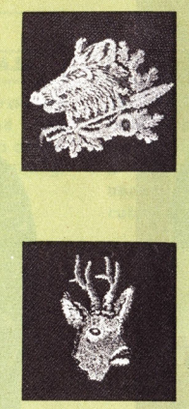
Order No. 6784 **3.40**	For cold days a warm, broad scarf from top-quality, soft wool, rib-knitted, green; 1,20 m long and 22 cm wide.
Order No. 6785 **3.40**	From smooth, warm fleece wool, soft-knitted, forest-green; 1,4 m long and 24 cm wide.
Order No. 6750 **3.95**	Elegant, forest-green scarf from first-class wool with pure silk and fine design; 1,20 m long and 25 cm wide.
Order No. 6751 **4.65**	This elegant scarf from finest wool with pure silk is 1,20 m long and 29 cm wide.
Order No. 6752 **3.50**	This silk kerchief has bright colors and a hunting design; the size is 68 × 68 cm.
Order No. 6753 **6.15**	A pure silk kerchief very elegant through harmoniously matched colors and design. Size 79 × 79 cm.
Order No. 6754 **6.40**	This pure silk kerchief with beautiful hunting scenes on dark green background is especially popular. The size is 77 × 77 cm.
Order No. 6755 **3.65**	A fine, warm wool kerchief with beautiful colors and interesting pattern. Size 66 × 66 cm.

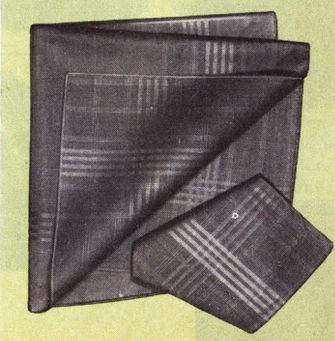
Wool Tie

with Embroidered Hunting Motif

These dark green hunting ties are available with the motif illustrated below. When ordering please state which one is to be embroidered on your tie.

$ 1.25





Forest Green Handkerchiefs

Every hunter needs quite a number of these forest-green handkerchiefs made from a sturdy maco cotton material. After all, white handkerchiefs are too bright and scare away the game.
A set of three costs
$ 1.20

Muff for Still-Hunting

This muff for hunting on cold days is made from dark green, washable Boxin leatherette and provided with a warm fur lining. The muff is pulled up over the hips and held in place by adjustable shoulder straps. The muff has a full-length zipper on one side.

Order No. 6891
Price $ **37.00**

Order No. 6970	Price $ **1.00**

Wood Shoe Trees for all types of hunting shoes.

Order No. 6946	Price $ **1.00**

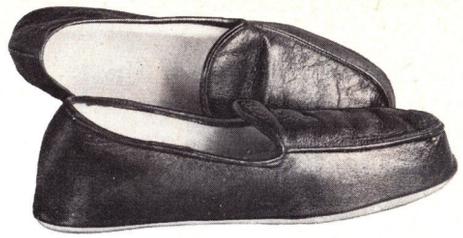
Bama Sheepskin Shoe Insoles of selected quality.

Order No. 6944	Price $ **0.40**

Shoe Insoles of Foam Rubber with cloth covering.

Order No. 6945	Price $ **0.40**

Shoe Insoles of Foam Rubber with sheepskin top.



Slippers from Nappa Leather

Order No. 6950	Color: dark green	Price $ **4.90**

These slippers are very warm and comfortable to wear. They are made from green Nappa leather and have genuine lambskin lining.

Foot Muff

Order No. 6890
Price $ **11.65**

An extra wide foot muff for use on the high-stand and at home. It is made from dark green, washable Boxin leatherette with warm, genuine fur lining.

Hunting Boot from Waterproof Leather

Hunting Boot from Waterproof Leather	
Order No. 6955	Price only $ **9.90**

Comfortable hunting boot from supple waterproof leather with flexible molded rubber sole. Fully suede lined, fits perfectly. A hunting boot must be extremely long-wearing; the material used must be of top-quality. According to these principles we offer our selection of first-class hunting boots.

Original Goiserer	
Order No. 6916	Price $ **9.90**

A sturdy and long-wearing shoe. Made from brown, waterproof leather, with storm welt, calf lined; edges of upper trimmed with green leather. Molded rubber sole.

Hunting Oxfords	
Order No. 6914	Price $ **11.00**

These stylish and durable oxfords can be worn everywhere. They are made from supple, water-repellent leather in brown. Shoes have storm welt and are calf lined. Flexible, wedge type nonslip rubber sole.

RIEKER Hunting Oxfords	
Order No. 6952	Price $ **14.40**

This famous brand-name is your guarantee of quality. They are made from deer-brown waterproof leather, have storm welt and are fully leather lined. Extra-walking support from arch lift. Slip-resistant molded rubber sole.

Hunting Oxfords	
Order No. 6915	Price $ **15.90**

A stylish quilt stitching on the upper gives this comfortable and durable shoe an especially elegant appearance. Made from smooth, top-quality calf in beautiful, deer-brown color. The wedge type molded rubber sole is very flexible and slip resistant.

Light Hunting Boot	
Order No. 6907	Price $ **14.50**

Very light hunting boot from first-class waterproof leather. Fully lined with colored calf-leather. Fits snugly to ankle. Storm welt, oil cloth between lining. Wedge type molded rubber sole.

RIEKER Hunting Boot	
Order No. 6922	Price $ **19.50**

The brand "Rieker" implies quality! Boot is made from deer-brown, supple waterproof leather, has storm welt and is fully lined with calf-leather. Part of uppers around ankle is lined with foam rubber.

Special Hunting Boot	
Order No. 6923	Price $ **22.00**

This hunting boot with storm welt is made from oil-tanned special leather of extra sturdy and supple quality with no seams. It is fully lined with calfskin. Part of upper around ankle is lined with foam rubber. Comes with original Innsbruck type molded rubber sole.

Hunting Boot	
Order No. 6909	Price $ **12.40**

A low-priced quality hunting boot from waterproof leather, with storm welt, fully lined with calfskin. Part of upper around ankle is lined with foam rubber. The boot has a very durable, wedge type slip-resistant molded rubber sole.

Light Summer Hunting Boot	
Order No. 6919	Price $ **6.65**

This is a flexible and most comfortable hunting boot for the warm summer months. It is durable and has a slip-resistant molded rubber sole. It weighs only 550 g — made from brow cowhide, cotton lined.

Order No. 6663	2.50	Order No. 6644	3.15	Order No. 6652	4.50	Order No. 6645	3.20	Order No. 6646	2.45
Warm, durable knee sock from pure wool, in green with gray thread design.		Warm winter knee sock from English worsted wool reinforced with Perlon.		Knee sock from English worsted wool reinforced with Perlon, extra long, with elastic top above knee.		Winter knee sock with extended knee part for knee length trousers; sock is made from Dralon with best, soft fleece wool.		Good, long winter knee sock for knee length trousers; warm and durable, in green brown.	

Hunting Boot

Order No. 6953	21.25

As compared with the standard hunting boot this type has extra high uppers. It is made from waterproof leather, has storm welt and fits snugly around ankles. It has an oil cloth between lining and a slip-resistant molded rubber sole.

Brown Rubber Boot

Order No. 6933	10.65

This absolutely watertight rubber boot with slip-resistant molded rubber sole is exactly what you need on rainy days in muddy terrain. It is light, comfortable and fully cotton lined.

Leather Brown Rubber Boot

Order No. 6902	8.75

This ideal hunting rubber boot has an adjustable strap at top. With it upper can be fastened to leg so that all noise when walking is avoided. Wide span permits easy slipping-in even with very thick socks.

Red-Green Rubber Boot

Order No. 6936	7.20

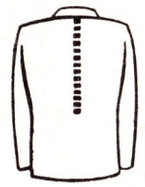
Similar to order No. 6902. Boot has flexible, very sturdy molded rubber sole.

Measure Chart for Clothing

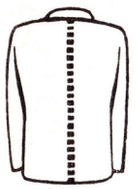
List measurements here. Next time you order you need only to check them. Please include measurements on back page of every order blank, before sending it to us.

Height (Must be given!) — cm or inch:

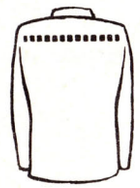
Suit size (If Known) — cm or inch:



1. Waist length — cm or inch:
Measure from lower collar seam to waist.



2. Coat length — cm or inch:
Measure from lower collar seam.

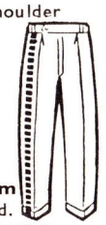


3. Width of back — cm or inch:
Measure from sleeves seam to sleeve seam.

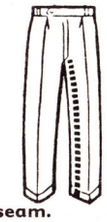
4. Sleeve length — cm or inch:
Measure from point where sleeve seam meets shoulder.

5. Chest — cm or inch:
Measure over vest with tape well up under arms and over shoulder blades.

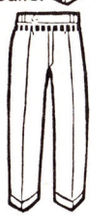
6. Waist — cm or inch:
Measure over vest



7. Trouser outseam without waistband. — cm or inch:



8. Trouser inseam. — cm or inch:



9. Waist — cm or inch:

10. Seat — cm or inch:

11. Cuff Width

12. Leg Width

13. Ankle Width

14. Collar Size

15. Hat Size (circumference)

16. Glove Size

17. Shoe Size

In case you do not know your glove or shoe size put your spread hand or foot with sock on a piece of paper and draw outline with a pencil.

Comparison
of Metric and Anglo-American Units

Length

1 mm =	1 cm =	100 cm = 1 m (meter) =	1 inch =
39, 37 mils = 0,03937 inch = 0,00328 foot = 0,00109 yard	0,39370 inch = 0,0328 foot = 0,0109 yard	39,37 inches = 3,28 foot = 1,0936 yard	2,54 cm (centimeters)

Current barrel lengths

50 cm = 19¾ inches	65 cm = 25⅝ inches
55 cm = 21⅝ inches	66 cm = 26 inches
56 cm = 22 inches	71 cm = 28 inches
58 cm = 22⅞ inches	72 cm = 28⅜ inches
60 cm = 23⅝ inches	76 cm = 30 inches
63 cm = 24¾ inches	

Range length

10 m = 11 yards	100 m = 109 yards
35 m = 38 yards	150 m = 163½ yards
50 m = 54½ yards	200 m = 218 yards
75 m = 81¾ yards	300 m = 327 yards
86 m = 93¾ yards	

Chamber Length

76 mm = 3 inches	65 mm = 2 9/16 inches
70 mm = 2¾ inches	63,5 mm = 2 ½ inches

Pressure

1 at (Atmosphäre) = 14,23 lbs/sq.in. = 0,00635 ton/sq.in.
1 lb./sq.in. = 0,0703 at

Weight

1 Gramm (g) =	1 kg (kilogramm) =
15,432 grains = 0,353 ounces (avoirdupois)	1000 g = 15432,356 grains = 2,204 lbs

Comparison of gun weights

1,8 kg = 3,97 lbs	2,8 kg = 6,17 lbs	3,7 kg = 8,15 lbs
2,0 kg = 4,40 lbs	2,9 kg = 6,39 lbs	3,8 kg = 8,38 lbs
2,1 kg = 4,63 lbs	3,0 kg = 6,61 lbs	3,9 kg = 8,60 lbs
2,2 kg = 4,85 lbs	3,1 kg = 6,83 lbs	4,0 kg = 8,82 lbs
2,3 kg = 5,07 lbs	3,2 kg = 7,05 lbs	4,5 kg = 9,92 lbs
2,4 kg = 5,29 lbs	3,3 kg = 7,27 lbs	5,0 kg = 11,02 lbs
2,5 kg = 5,51 lbs	3,4 kg = 7,49 lbs	5,5 kg = 12,12 lbs
2,6 kg = 5,73 lbs	3,5 kg = 7,71 lbs	6,0 kg = 13,22 lbs
2,7 kg = 5,95 lbs	3,6 kg = 7,93 lbs	

Shot Sizes

Germany	USA	England
2 mm Nr. 9	No. 9	No. 9
2¼ mm 8	8	8
2½ mm 7	7	6½
2¾ mm 6	6	5½
3 mm 5	5	4
3¼ mm 4	4	3
3½ mm 3	3	2
3¾ mm 2	2	B
4 mm 1	1	BB

Energy (E)

E_0 = Energy at 0 meters (muzzle)
E_{100} = Energy at a range of 100 m
E_{200} = Energy at a range of 200 m
E_{300} = Energy at a range of 300 m

1 mkg (meterkilogram) = 7,233 **ft.lbs.**
1 ft.lb. = 0,1382 mkg

Velocity (V)

V_0 = Velocity at 0 meters (muzzle)
V_{100} = Velocity at a range of 100 m
V_{200} = Velocity at a range of 200 m
V_{300} = Velocity at a range of 300 m

1 m/s (meter per second) = 3,2808 **F/S**
1 F/S (feet per second) = 0,3048 m/s

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Würzburg City Plan

with main approach roads

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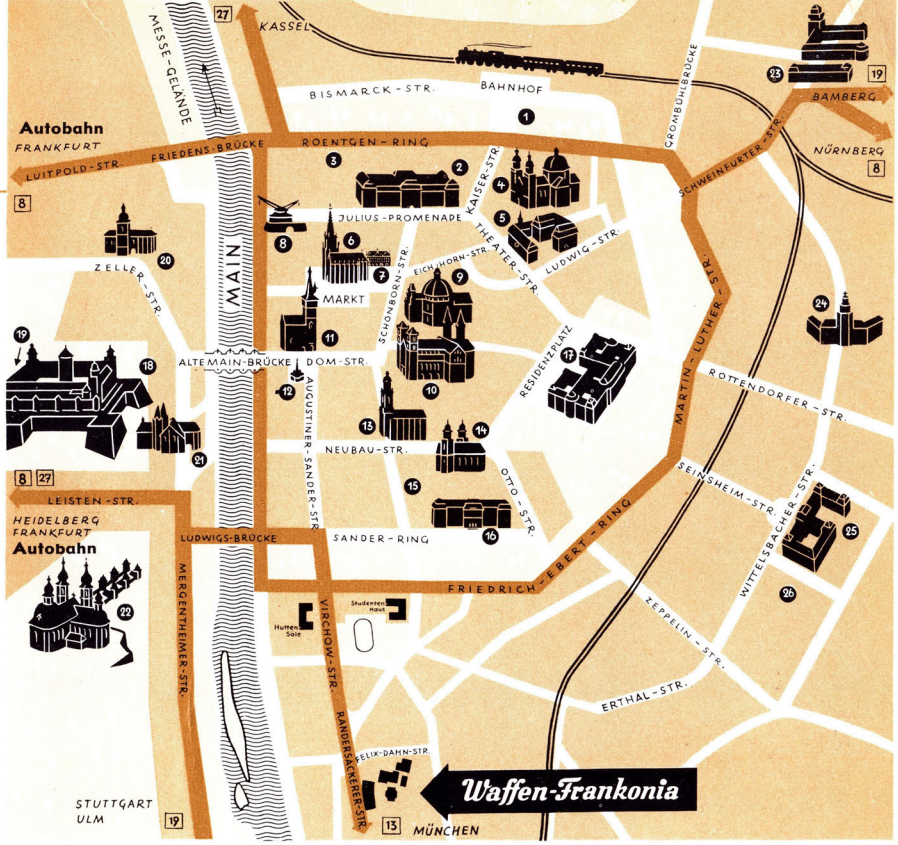
4 Stift-Haug . . . . . .
5 Bürgerspital . . . . . .
6 Marienkapelle . . . . . .
7 Haus zum Falken . . . . . .
8 Alter Kranen . . . . . .
9 Neumünster — St. Kiliansgrab
10 Dom . . . . . .
11 Grafeneckart . . . . . .
12 Vierröhrenbrunnen . . . . .
13 Alte Universität, Neubaukirche
14 St. Stephan . . . . . .
15 St. Peter . . . . . .
16 Neue Universität . . . . . .
17 Residenz . . . . . .
18 Festung Marienberg . . . . .
19 Mainfränkisches Museum . . .
20 Deutschhaus-Kirche . . . . .
21 St. Burkardus . . . . . .
22 Käppele . . . . . .
23 Universitäts-Kliniken . . . .
24 Missionsärztliches Institut . . .
25 Lehrerbildungsanstalt, Theater
26 Landwirtschaftsschule . . . .



The Premises of the Firm WAFFEN-FRANKONIA, Würzburg, are now near to the Autobahn

The illustrated city plan is to assist you in case you intend to visit us. Our firm is located in the town's southern outskirts near the autobahn exit to the Federal Highway No. 13 direction Ansbach-Munich.

Würzburg is located on the autobahn Frankfurt-Nürnberg. It's easy to get from the autobahn to our shop and we would be happy to welcome you.

Business hours: from 8 a.m. to 6 p.m. — Saturdays from 8 a.m. to 1 p.m.

English speaking sales-people are at your disposal from 8 a. m. to 5 p.m., except Saturdays.
In Bavaria the following holidays are legal holidays: Epiphany (Jan., 1), Ascension, Corpus Christi, Assumption (Aug. 15), All Saint's Day (Nov. 1). On these holidays our premises are closed.

Business premises and gunsmith workshops	Randersackerer Str. 3—5
Phone	7 30 01
Telex	06/8747
Mailing address	Waffen-Frankonia, c/o Export Department 87 Wuerzburg, Western Germany
Cable address	Waffenfrankonia Wuerzburg
Postal savings account	6043 Nürnberg
Bank accounts	Deutsche Bank AG, Wuerzburg branch Dresdner Bank AG, Wuerzburg branch Bayerische Vereinsbank AG, Wuerzburg branch Städt. Sparkasse Wuerzburg

From the railroad station you can reach us by streetcar Nr. 1.

By car you can reach us via Federal Highway No. 13 Wuerzburg.

Our premises are located directly on Federal Highway No. 13.

Easy parking before the house.

Unfortunately price changes are unavoidable today. The "Hunter's Counselor" is printed for a longer period of time and thus it can happen that prices have changed by the day of the delivery of the item ordered. We ask for your understanding that in such a case we will invoice the price valid at the day of the delivery. If you are uncertain about anything, please write first.

Back cover shows the elegant Franchi Over & Under double barrel shotgun and the world's lightest automatic shotgun. These guns are made by the firm Luigi Franchi, Brescia, Italy (for further details see pages 58 and 65).

Waffen-Frankonia Würzburg

WESTERN GERMANY